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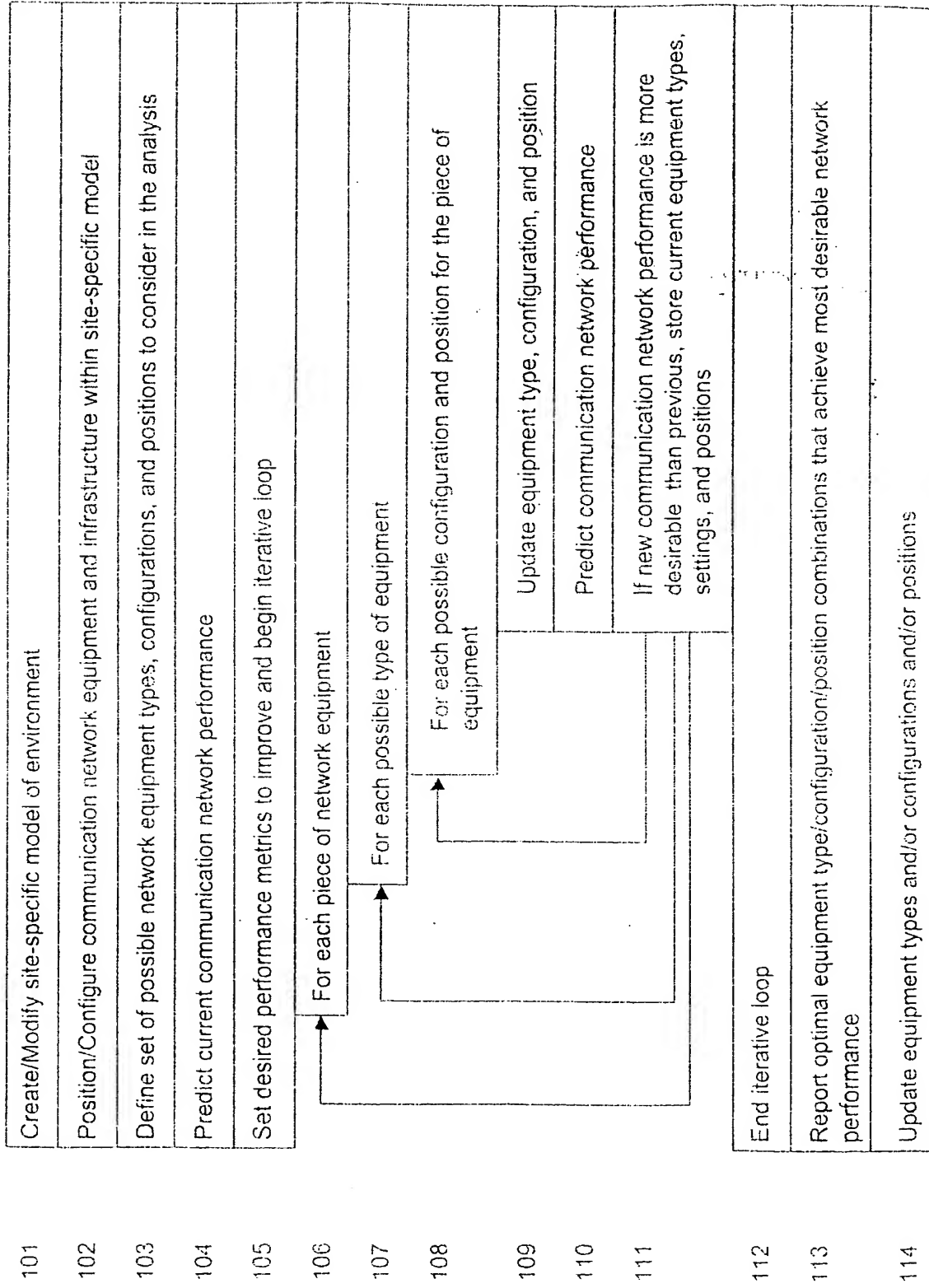


Figure 1

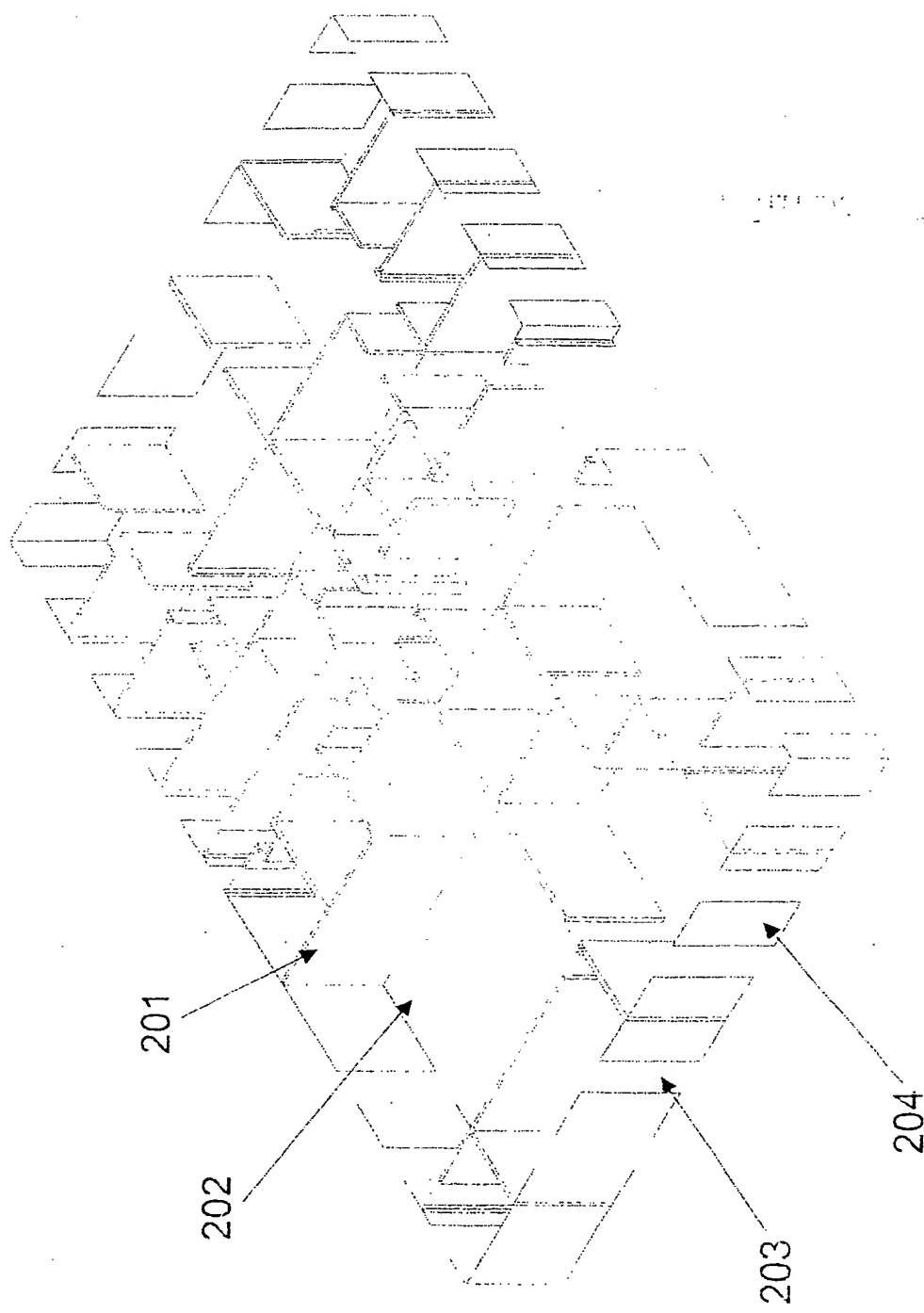


Figure 2

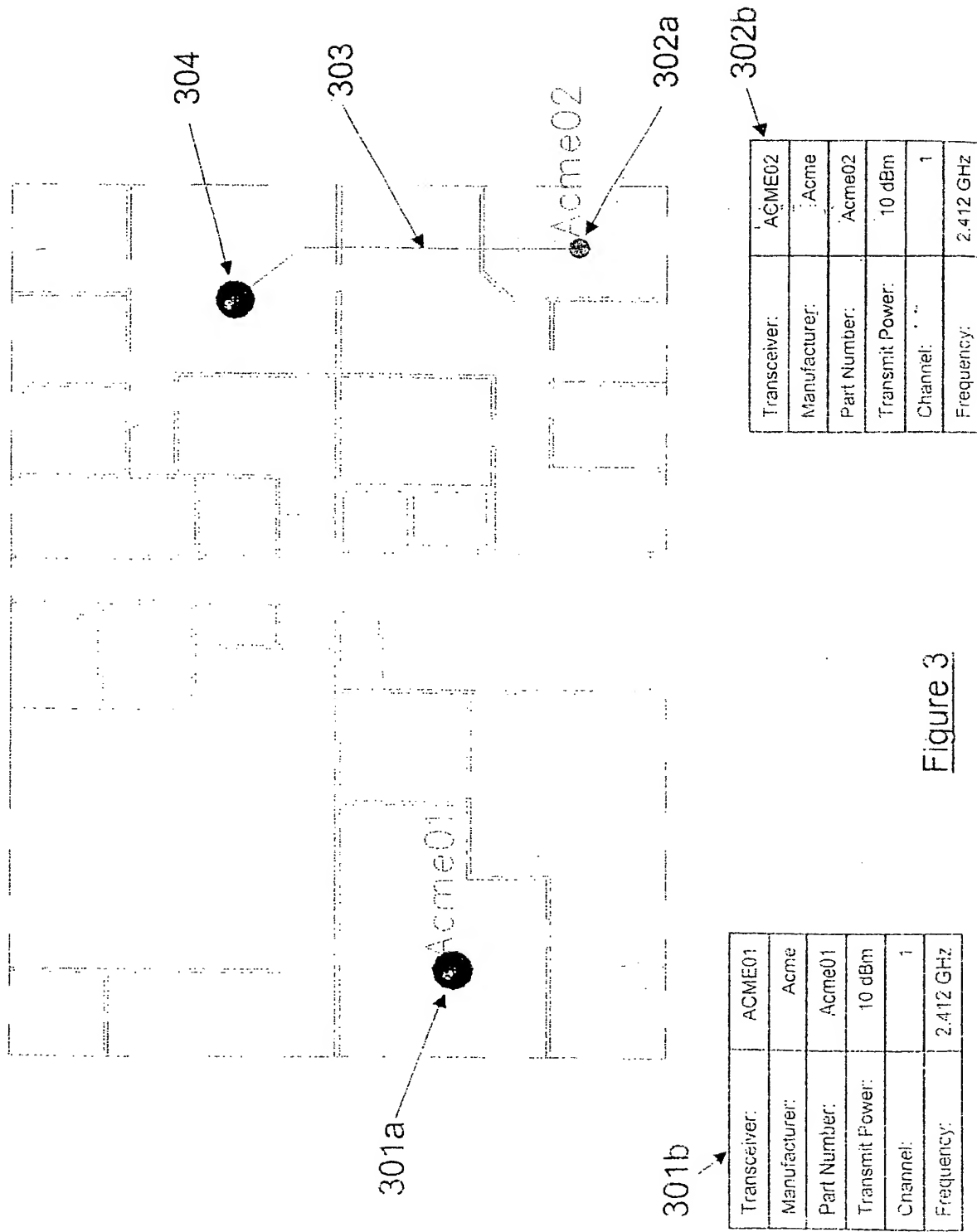


Figure 3

401

File: \\mossvalley\sales\mossvalley.com\products\cable\plumbers\180M\comp\plumbers.com

File

Type	Manufacturer	Part #	Description	Loss (dB per 100 meters)	Connections	Physical Cost (per meter)
CONNECTOR	Estimote		Type N, 10dB Tap	0.50	2	300.00
CONNECTOR	Narda	3372A-2	Type N Female 2-way power divider	0.30	3	65.00
ANTENNA_POINT	Allen Telecom	ATSA110	ATG Unity Gain OMNI Indoor Active LL	0.00	1	25.00
CONNECTOR	E-TRON, N Conne...		10dB Multifrequency Tap	0.50	2	20.00
CABLE	RFS Cablewave	HCA78-50FP	7/8" Air Dielectric, Plenum, Corrugated...	0.63	2	15.19
CABLE	RFS Cablewave	LCF78-50JFRN	7/8" FLEXWELL Foam Frie Reldant ...	0.64	2	3.19
CABLE	Celwave	810929-001	7/8" Flexwell Air Dielectric cable	7.10	2	3.71
CABLE	Acme	9983A	FlexMax Air Dielectric	13.00	2	2.69
ANTENNA_POINT	Antel	LPD 7908	50 deg. Hor.	0.00	1	1.00
ANTENNA_POINT	Antel	LPD 7907	80 deg. Hor.	0.00	1	1.00
ANTENNA_POINT	Antel	LPD 7907/8	80 deg. Hor.	0.00	1	1.00
ANTENNA_POINT	Antel	LPD 7905	92 deg. Hor.	0.00	1	1.00
ANTENNA_POINT	Antel	LPD 7905/2	92 deg. Hor.	0.00	1	1.00
ANTENNA_POINT	Antel	LPD 7905/8	92 deg. Hor.	0.00	1	1.00
ANTENNA_POINT	Antel	BCR 80010-160	Directional special shaped pattern	0.00	1	1.00
ANTENNA_POINT	Antel	BCD 8007	OMNI 15 deg. Var.	0.00	1	1.00
ANTENNA_POINT	Antel	BCR 80010-270	special shaped pattern	0.00	1	1.00
ANTENNA_POINT	Swedcom Corporati...	ALP0009 N20T	80 deg 9 dB Gain with 20 deg. D/T	0.00	1	0.00
ANTENNA_POINT	Allen Telecom	ASPP2433 1850	48 OMNI PTN 1850-1900 360 den 3	0.00	1	0.00

402

Figure 4

501

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Site Planner (C:\SitePlanner\BOM\components.xml)

Type	Manufacturer	Part #	Description	Loss (dB)	Connections	Physical Cost
AMPIFIER	Cellular Specialties	CSI-8DA110	In-Building Amplifier Model 110 SMR Band	-40.00	2	0.00
AMPIFIER	Cellular Specialties	CSI-8DA110	In-Building Amplifier Model 110 SMR Band	-30.00	2	0.00
AMPIFIER	Cellular Specialties	CSI-8DA110	In-Building Amplifier Model 110 SMR Band	-20.00	2	0.00
AMPIFIER	Cellular Specialties	CSI-8DA120	In-Building Amplifier Model 120 SMR Band 10 dB...	-10.00	2	0.00

502

Figure 5

601

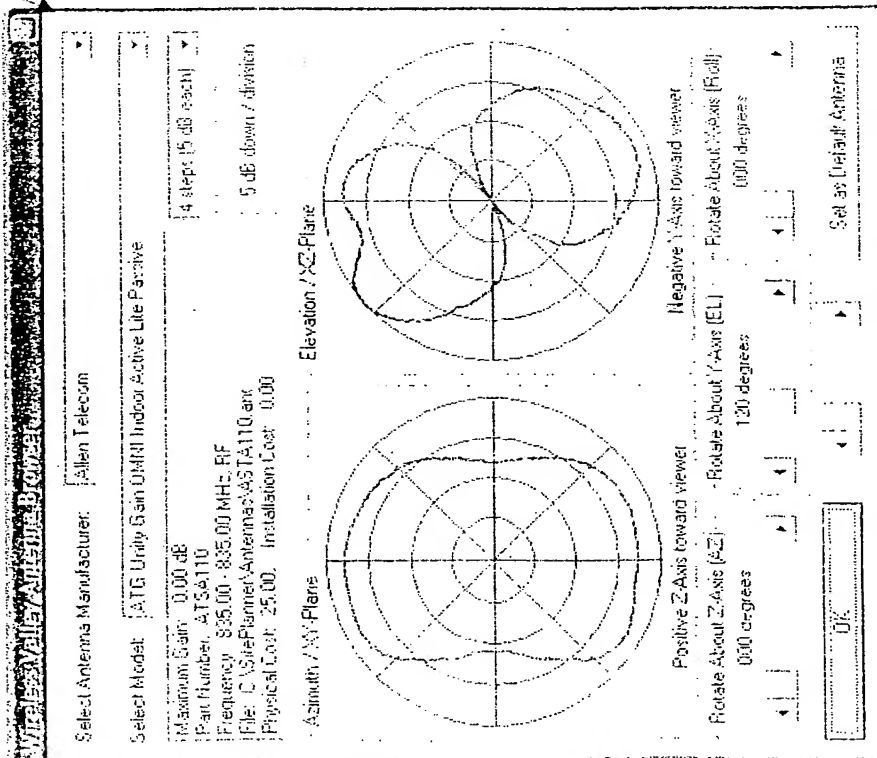
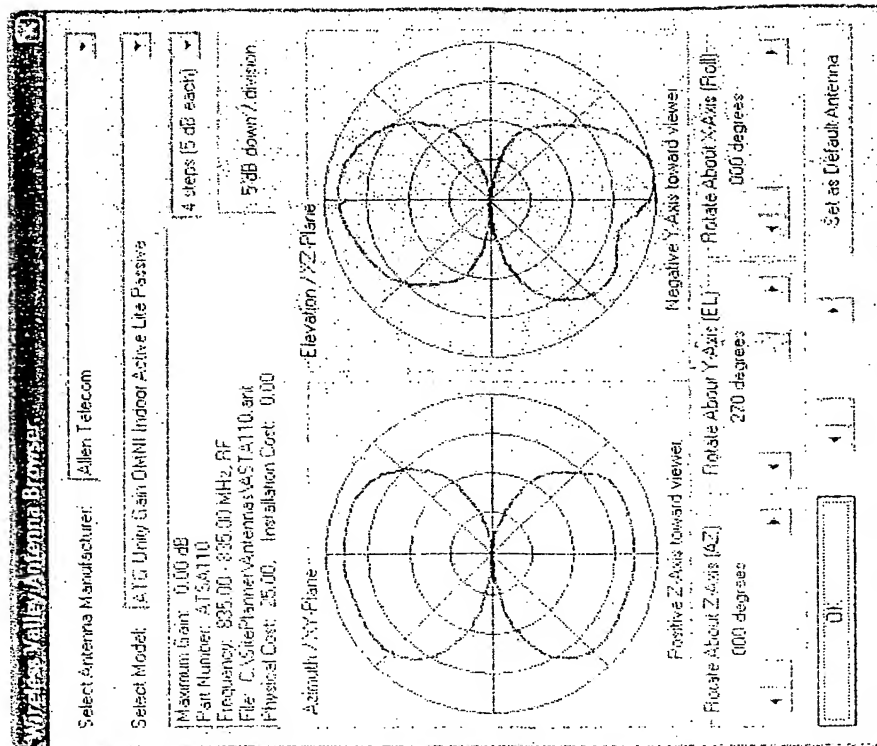


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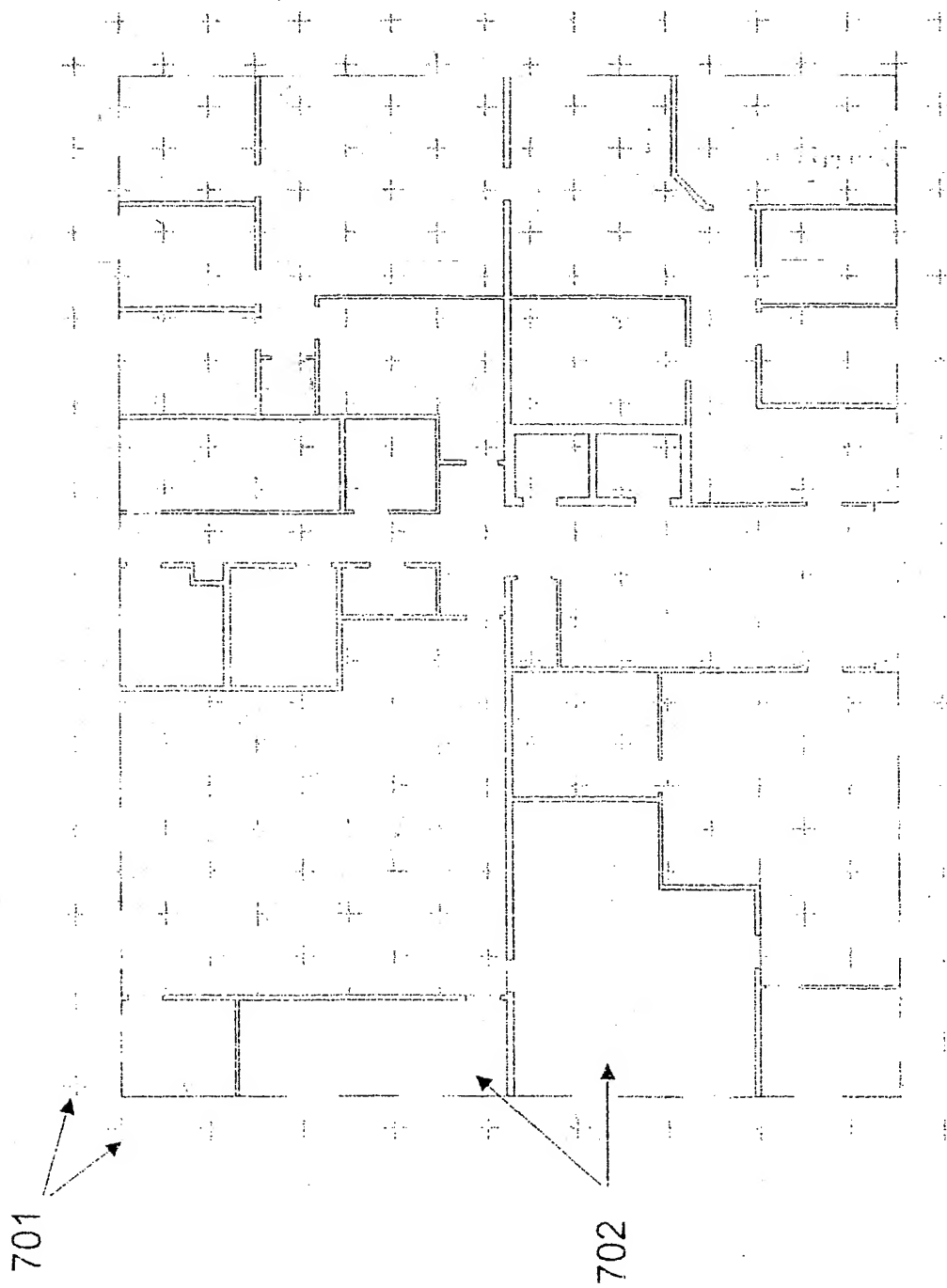


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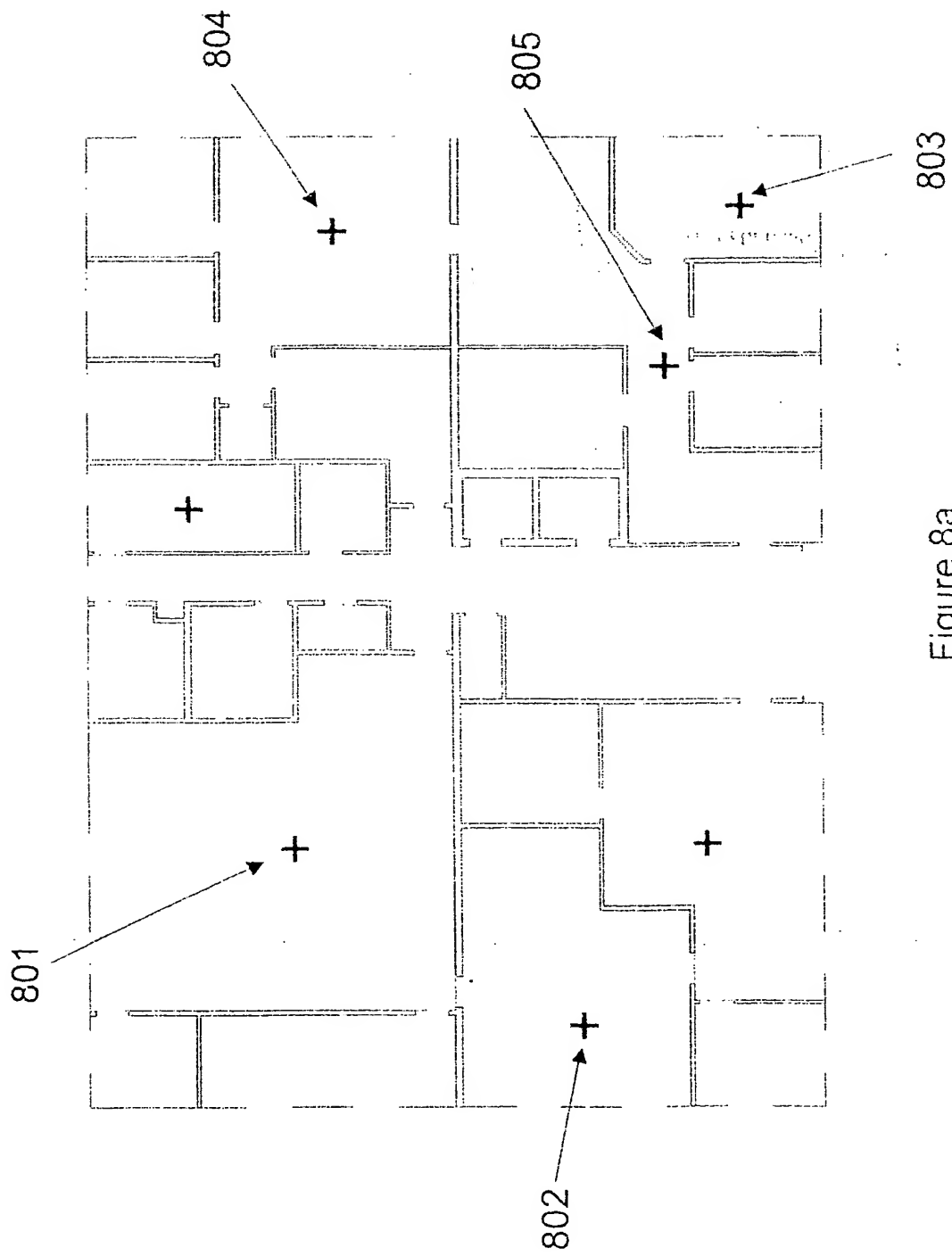


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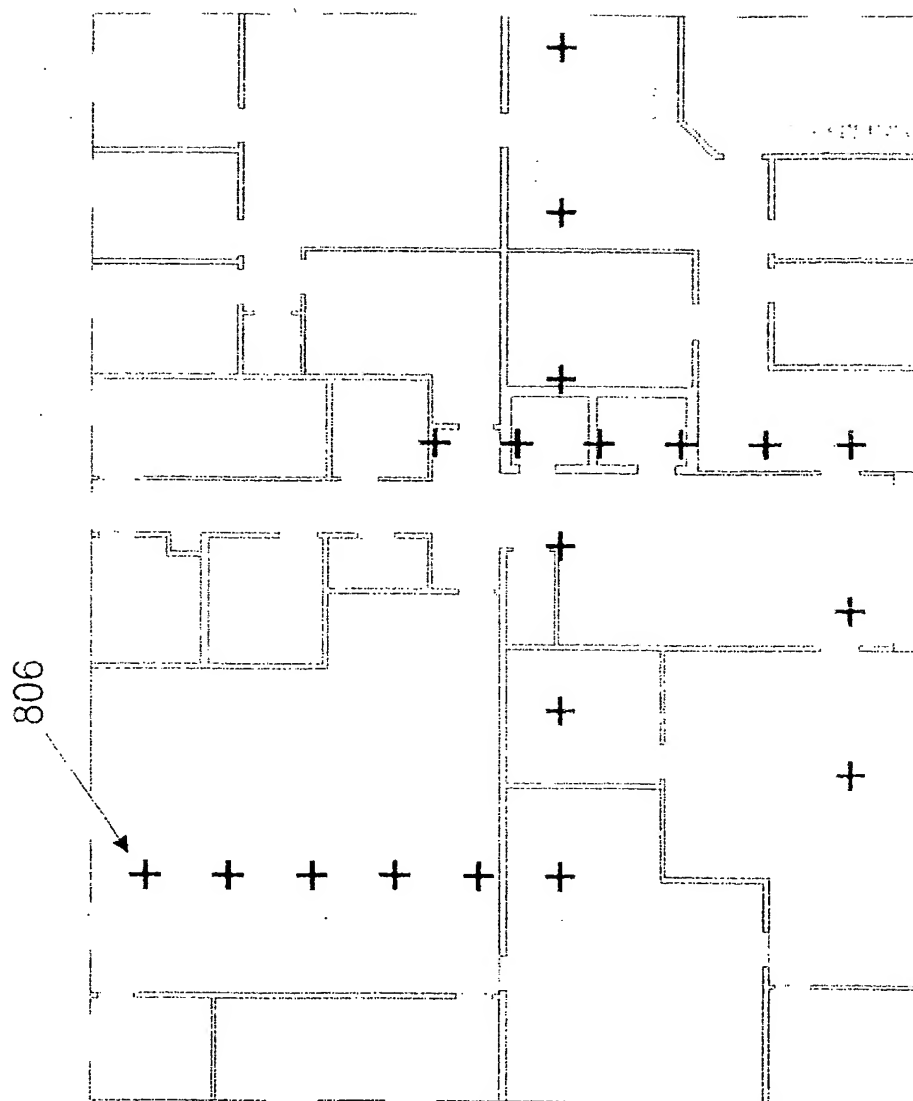


Figure 8b

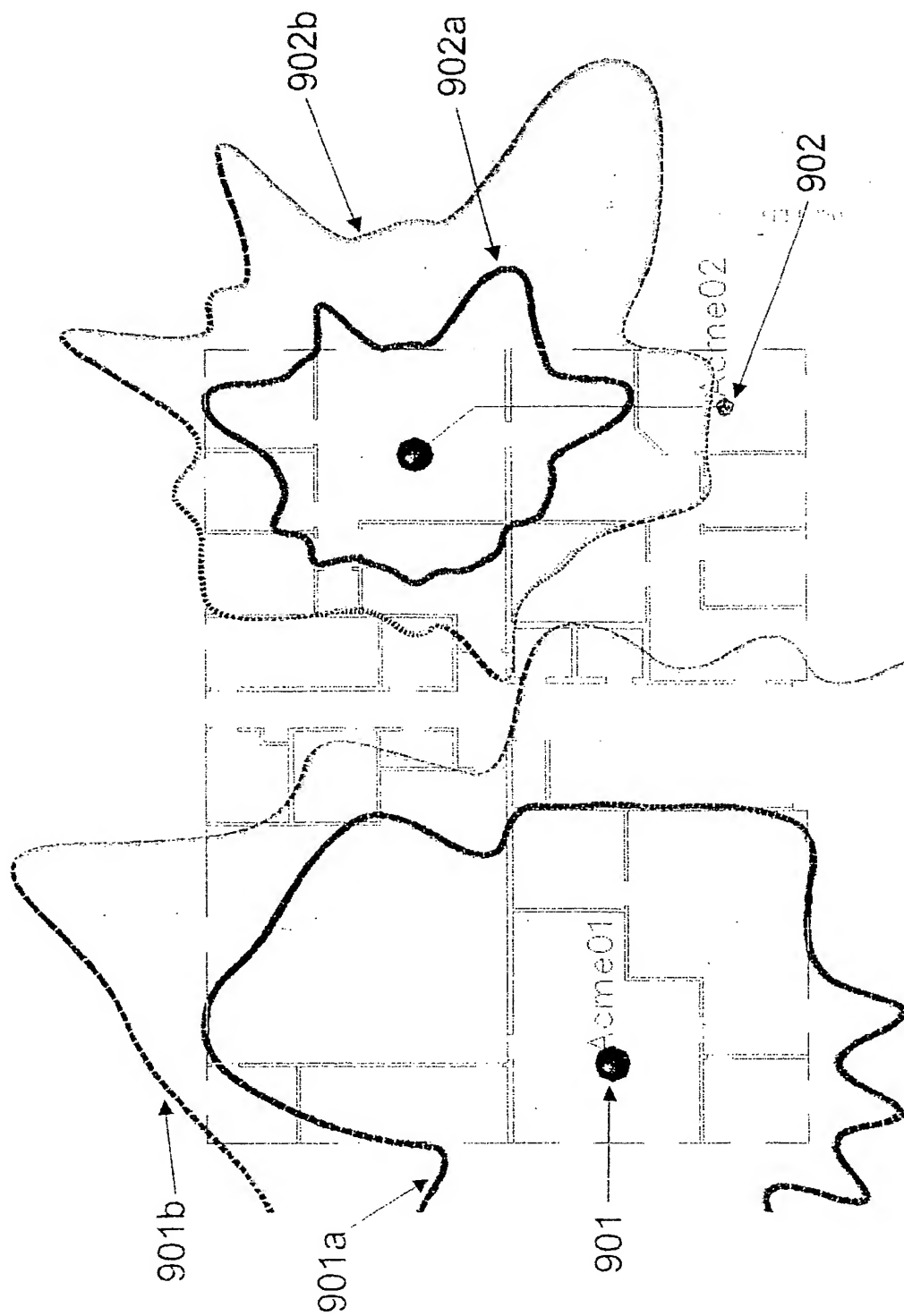


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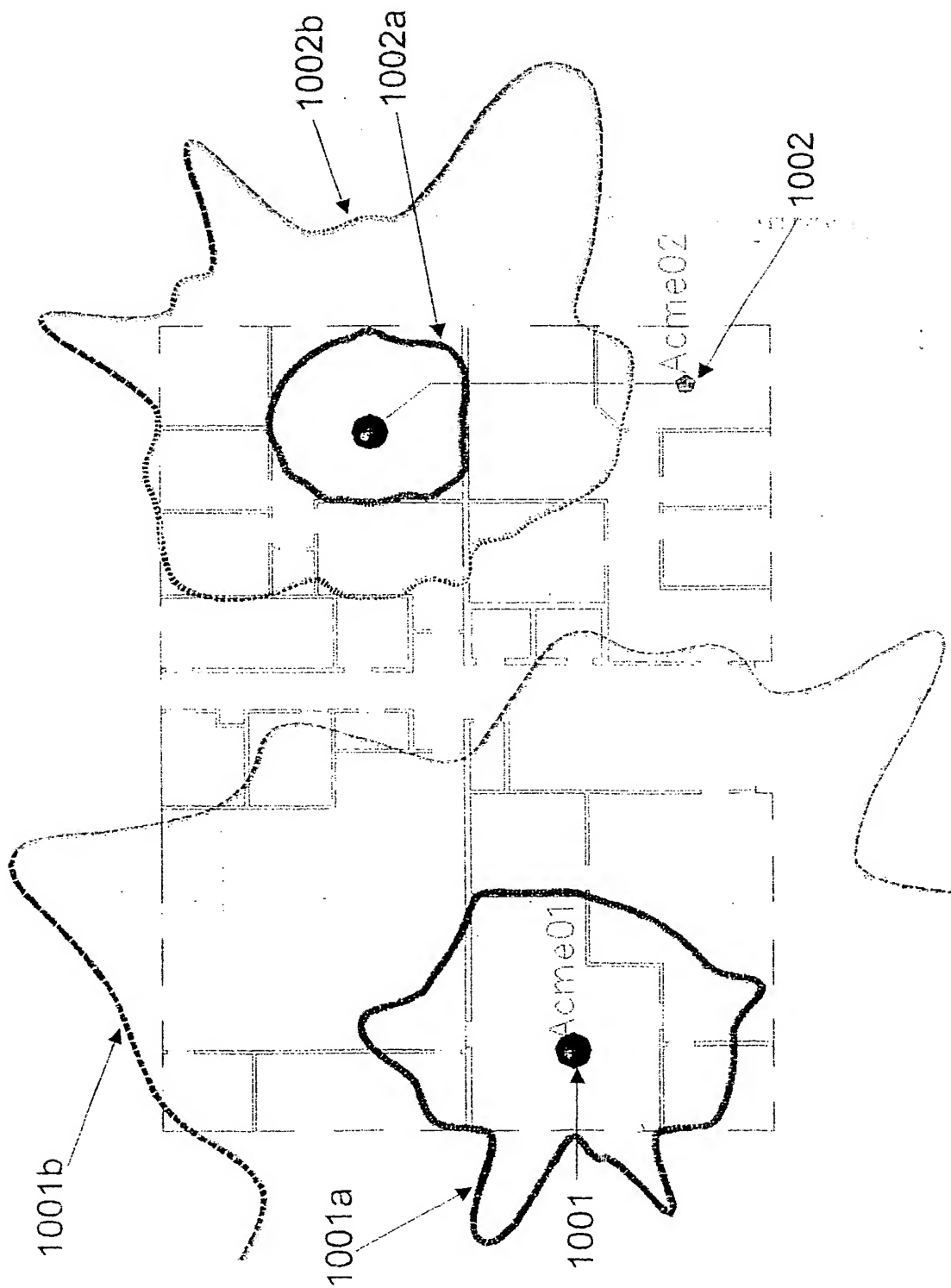


Figure 10

1101

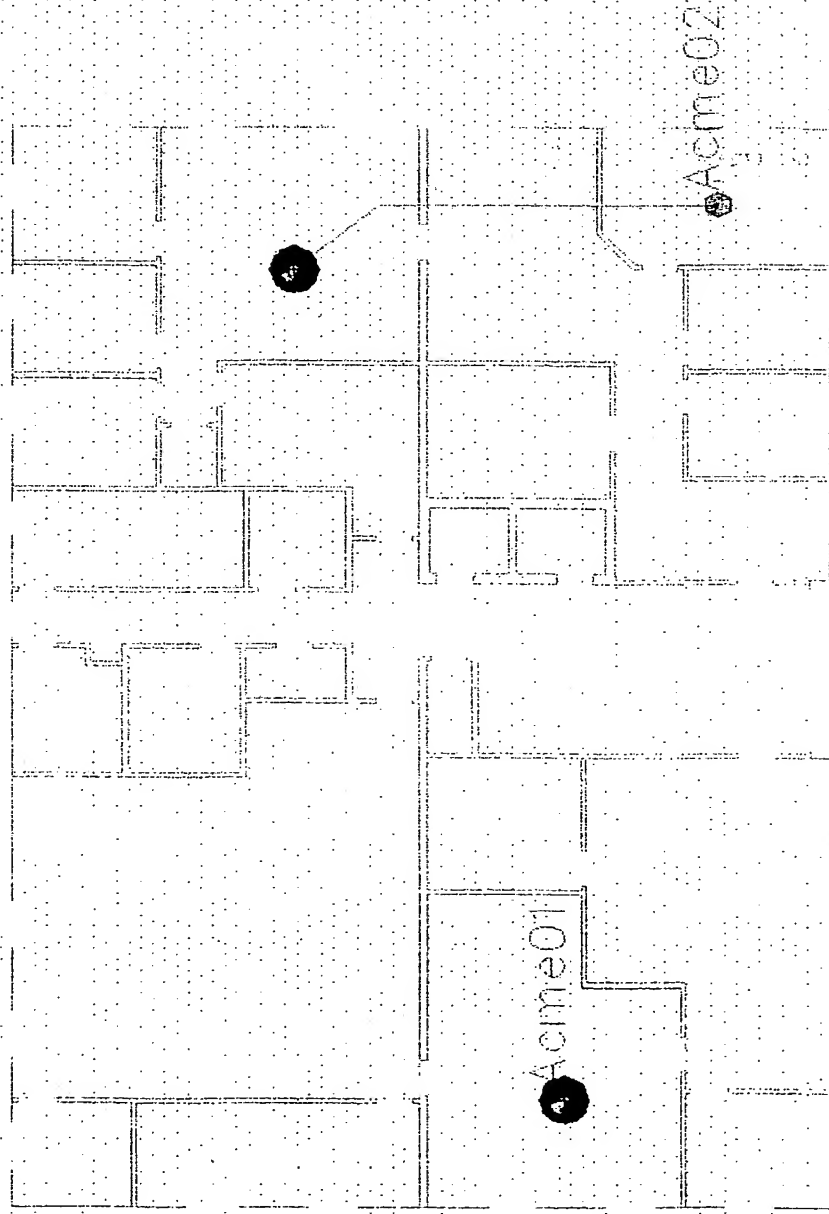


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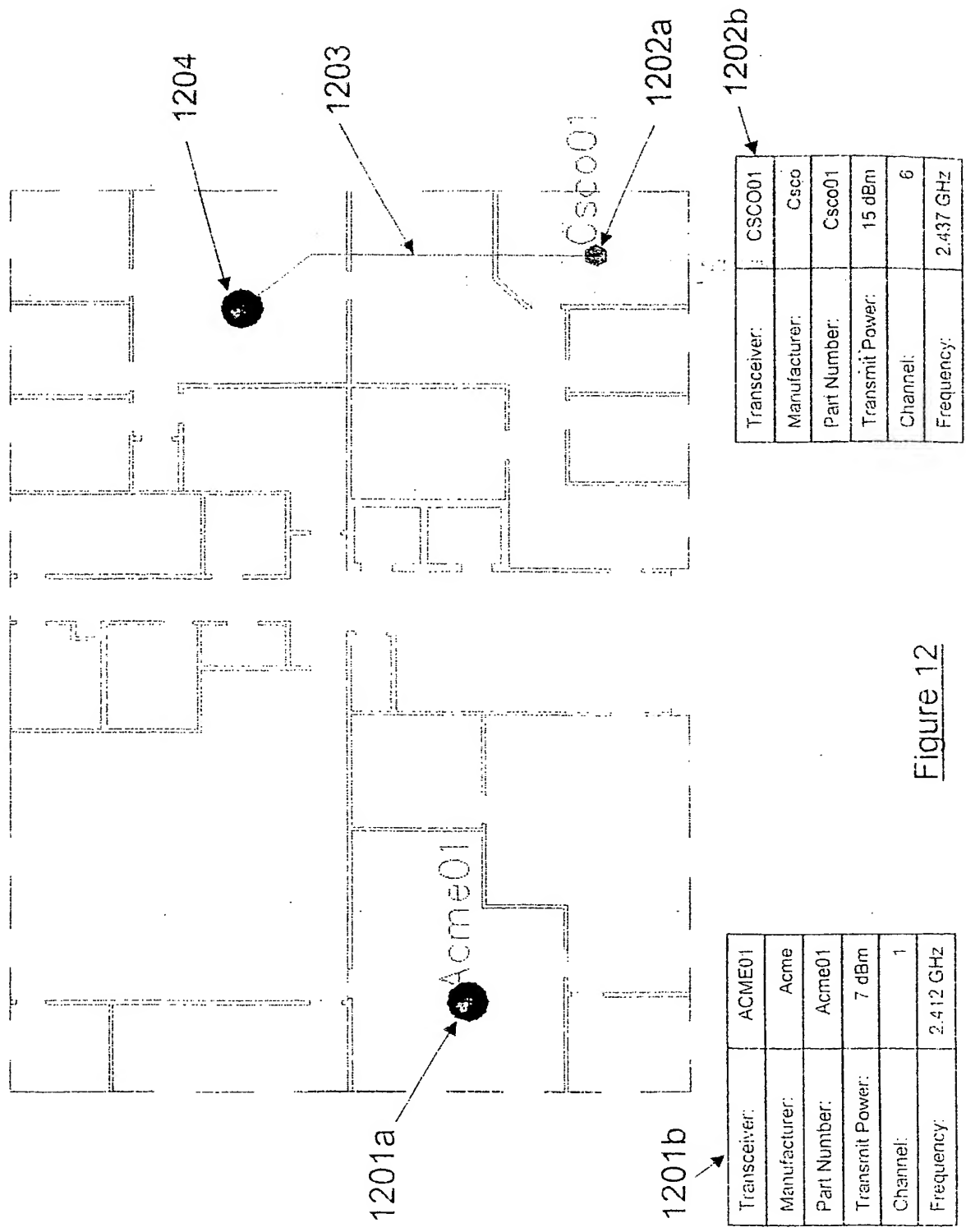


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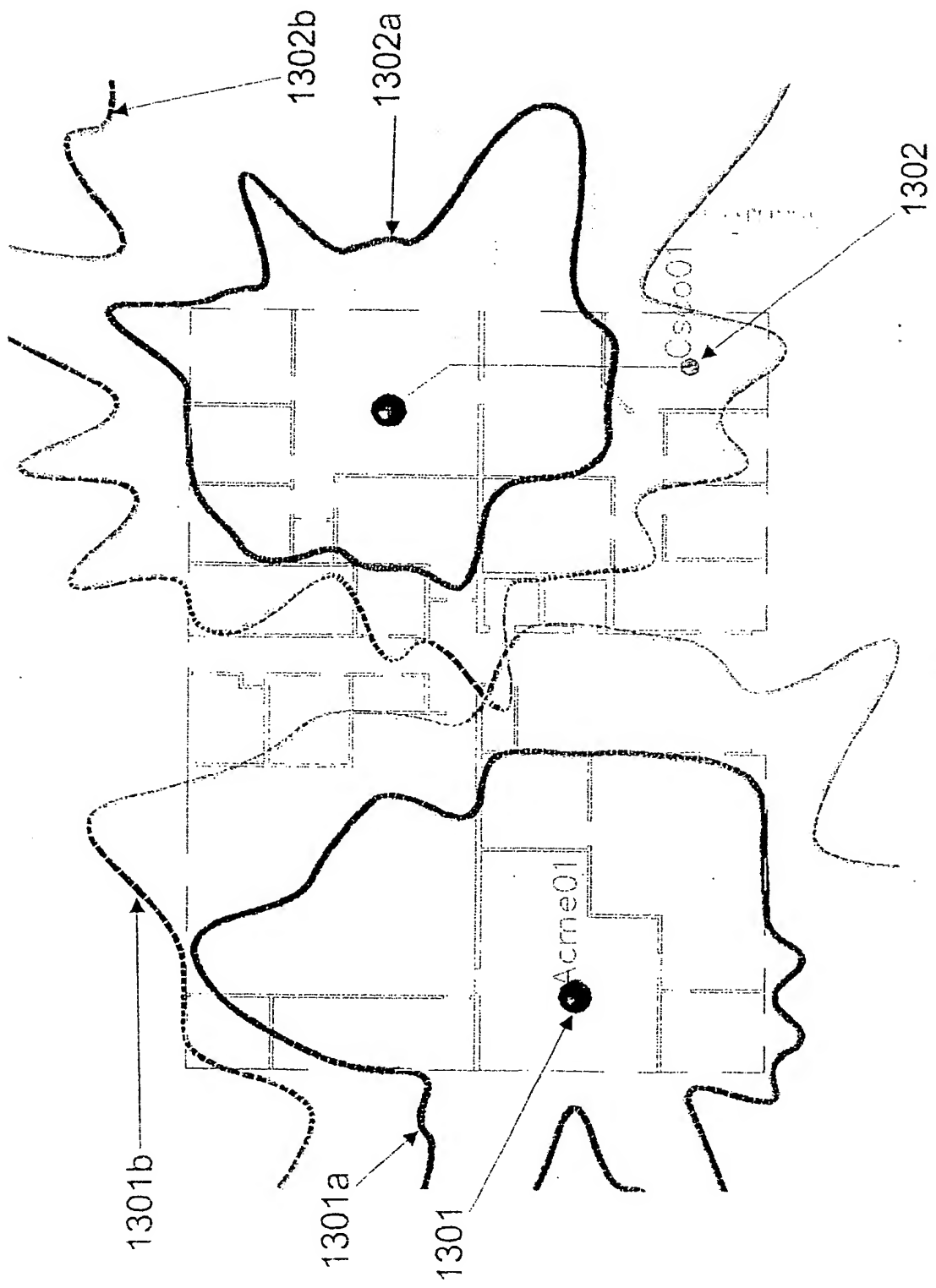


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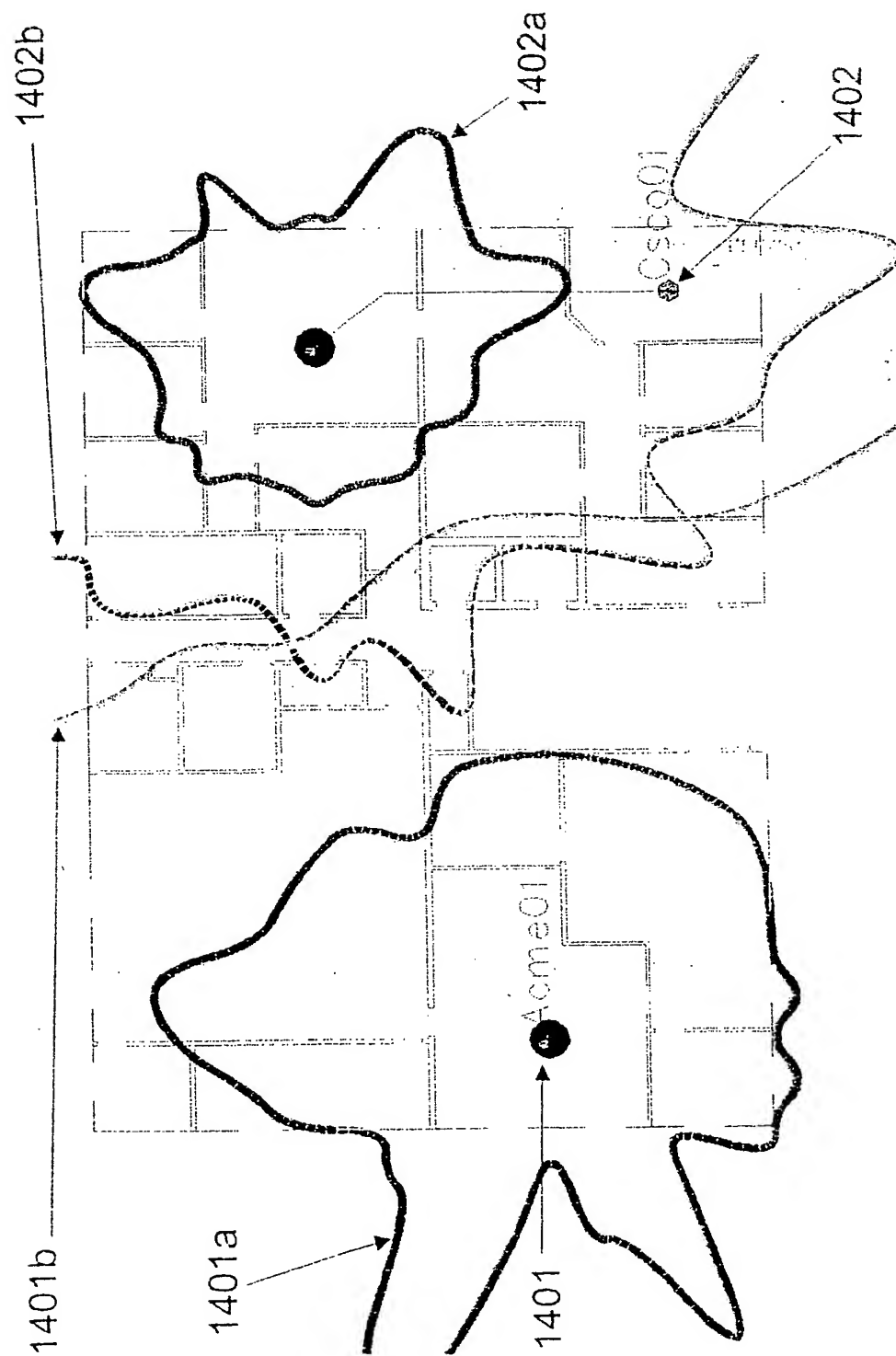


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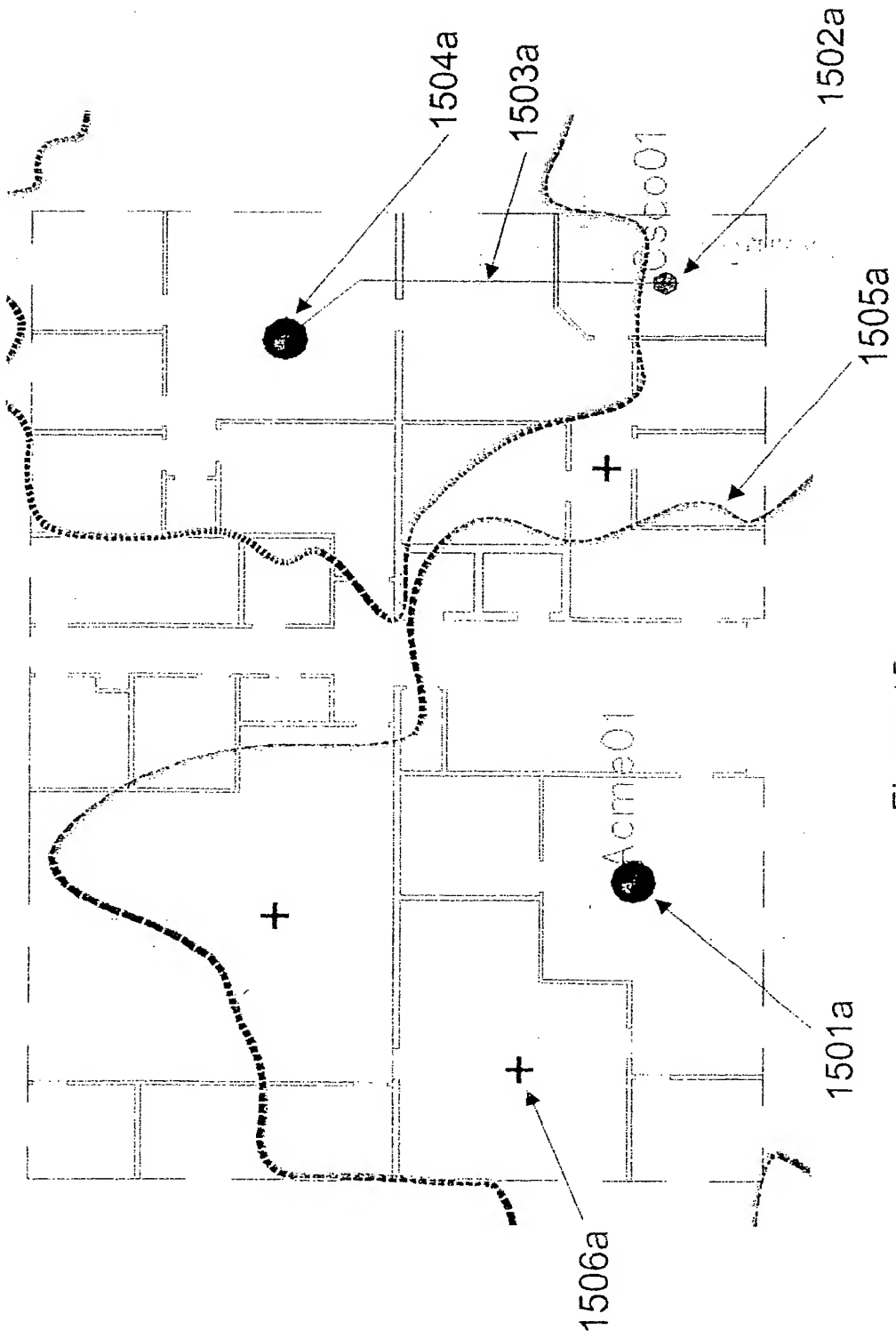


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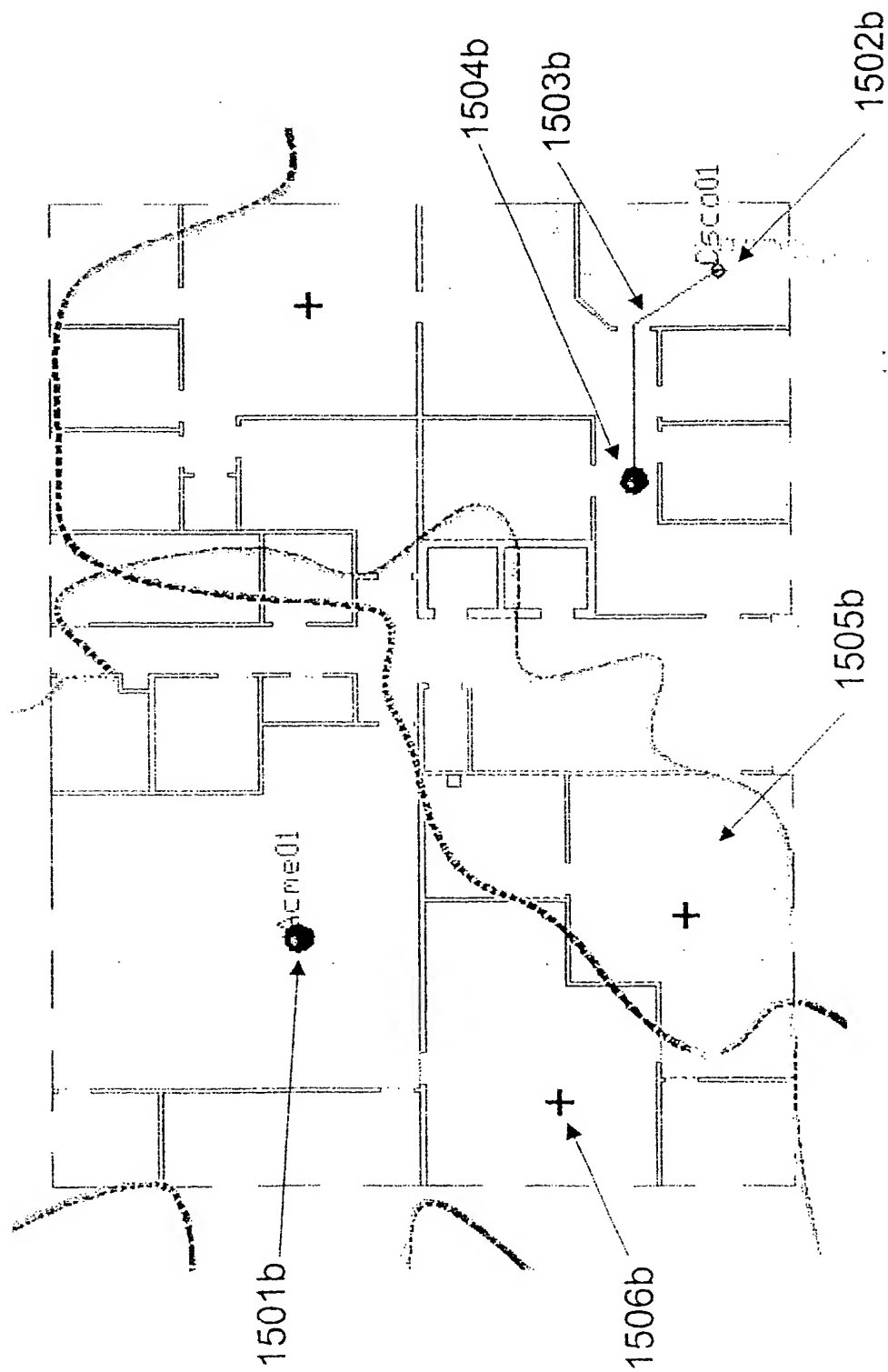


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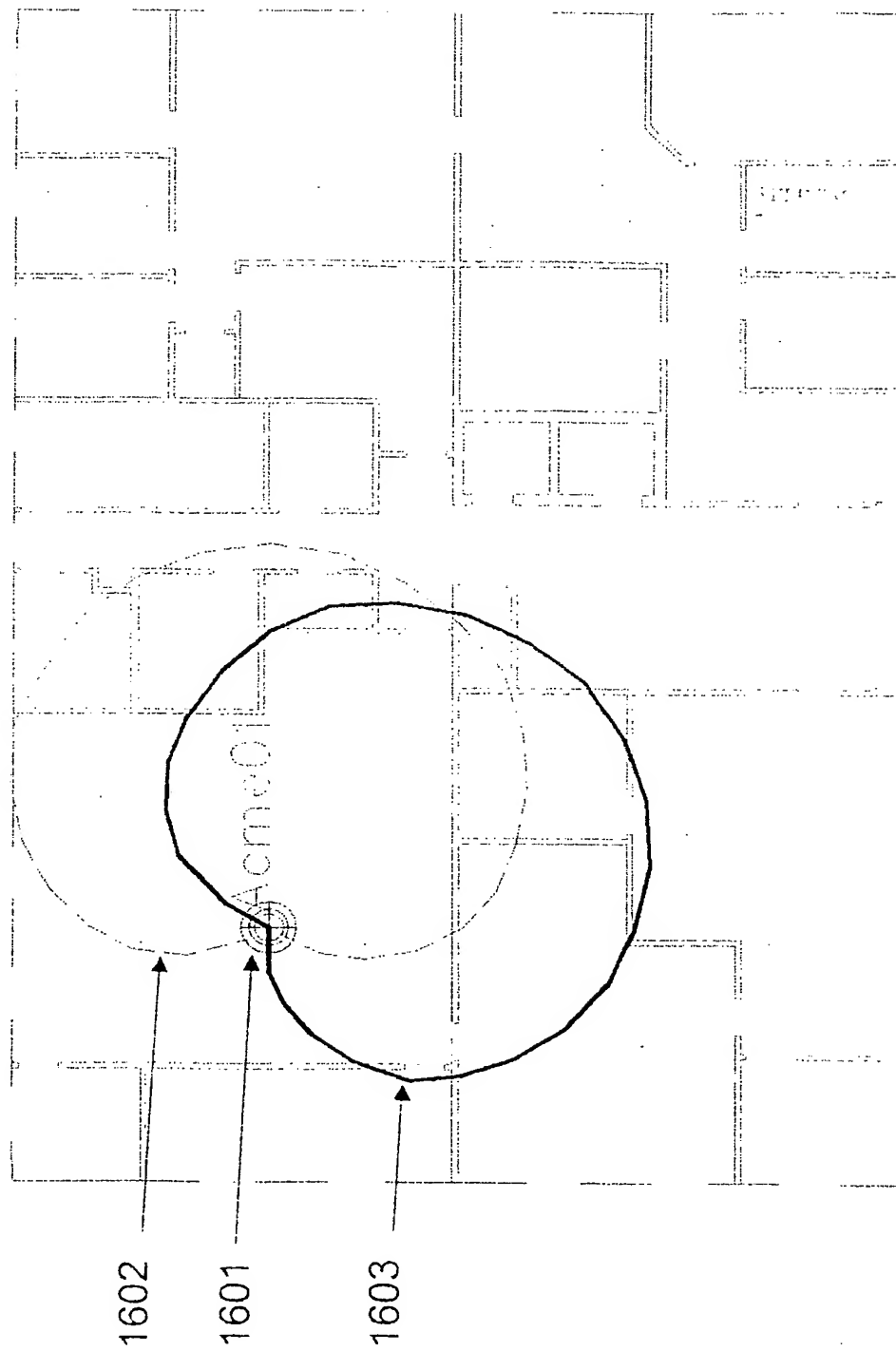


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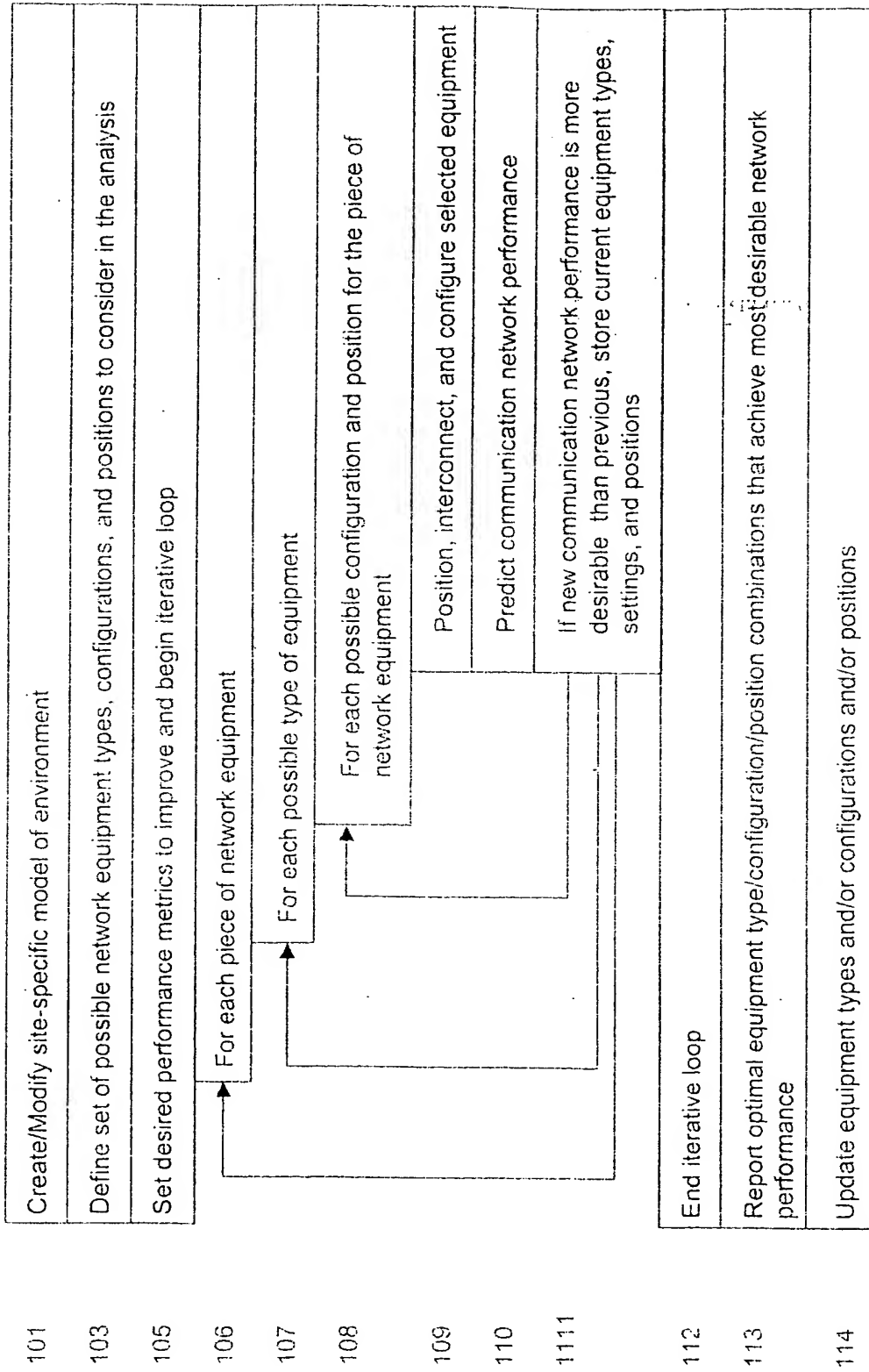


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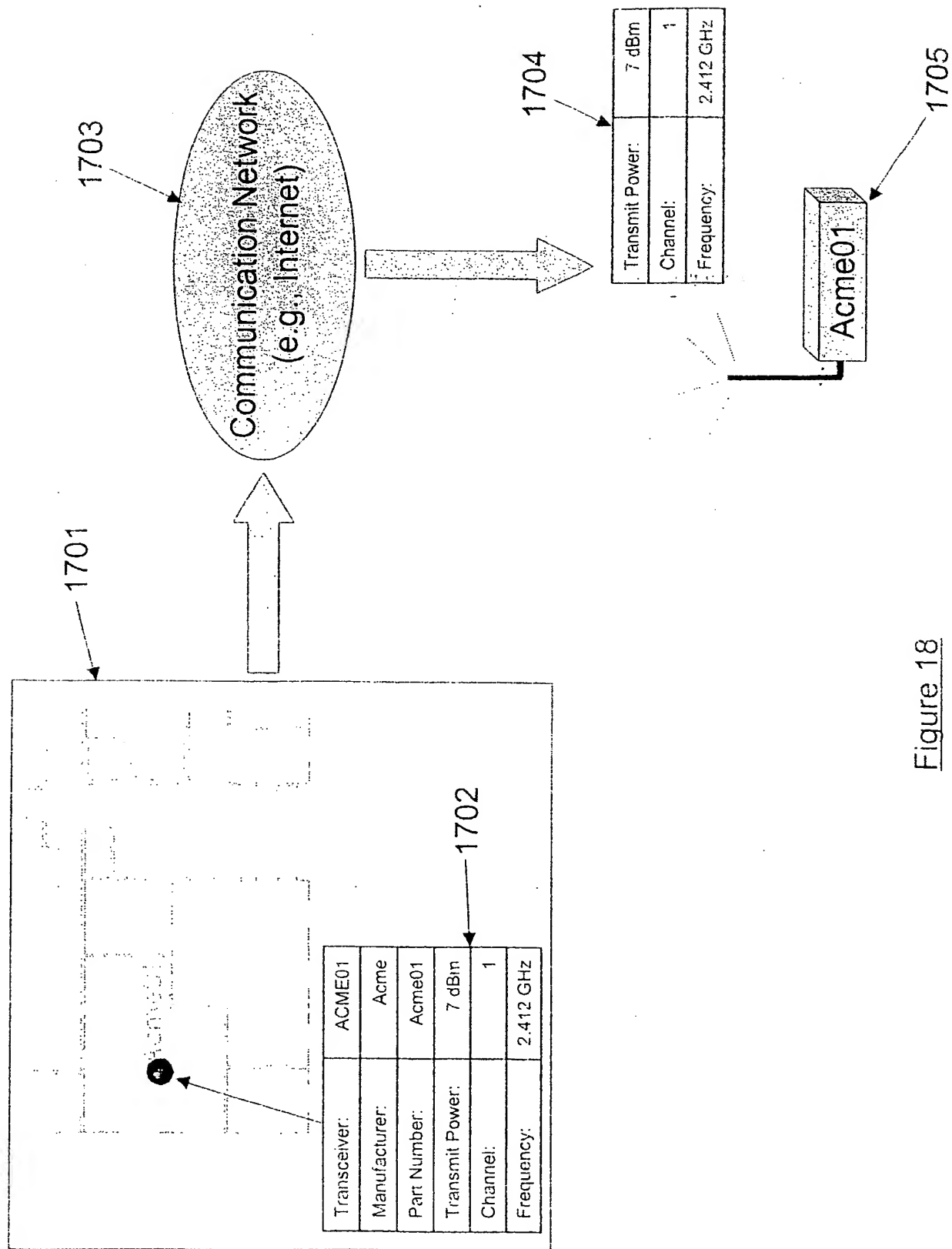


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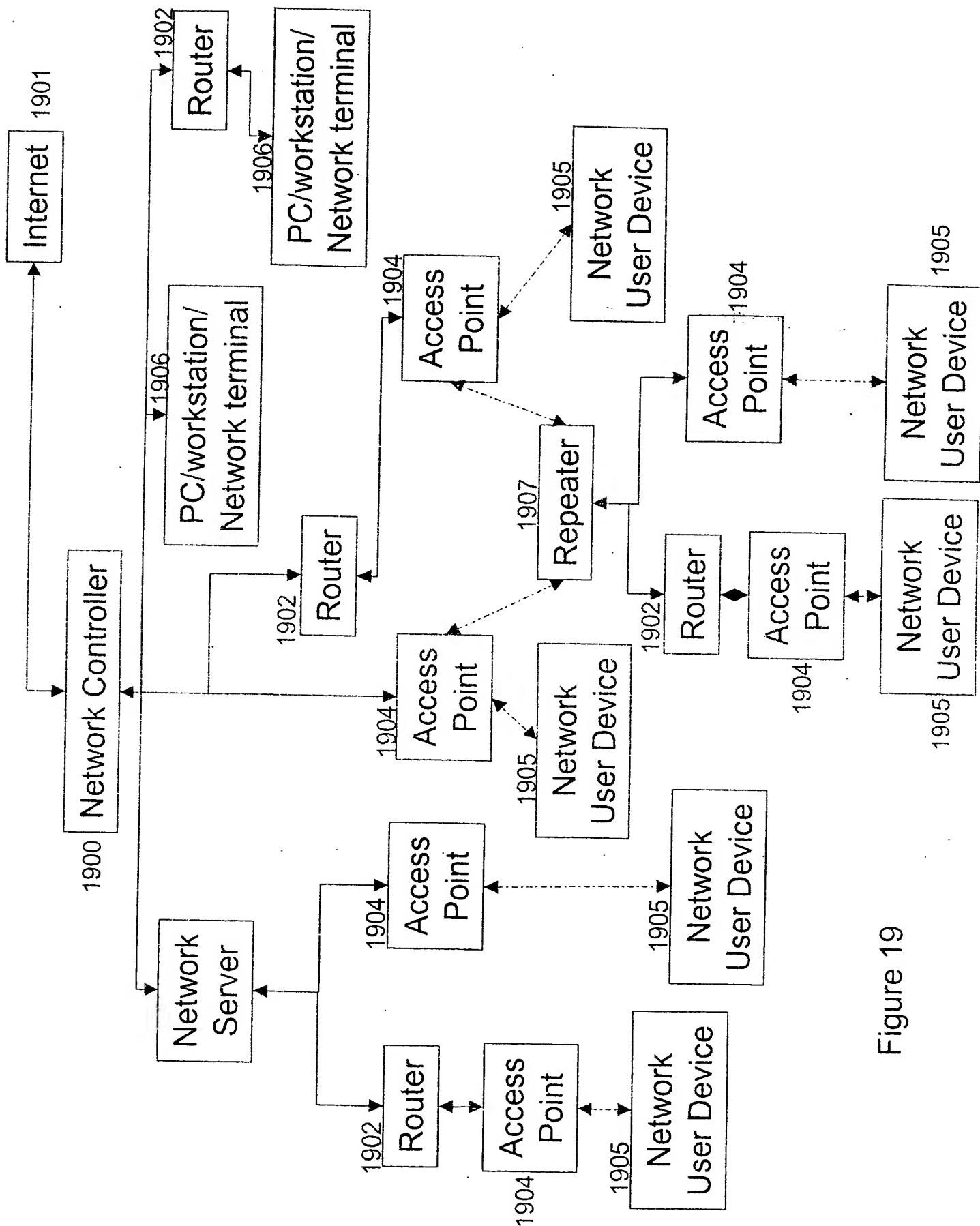


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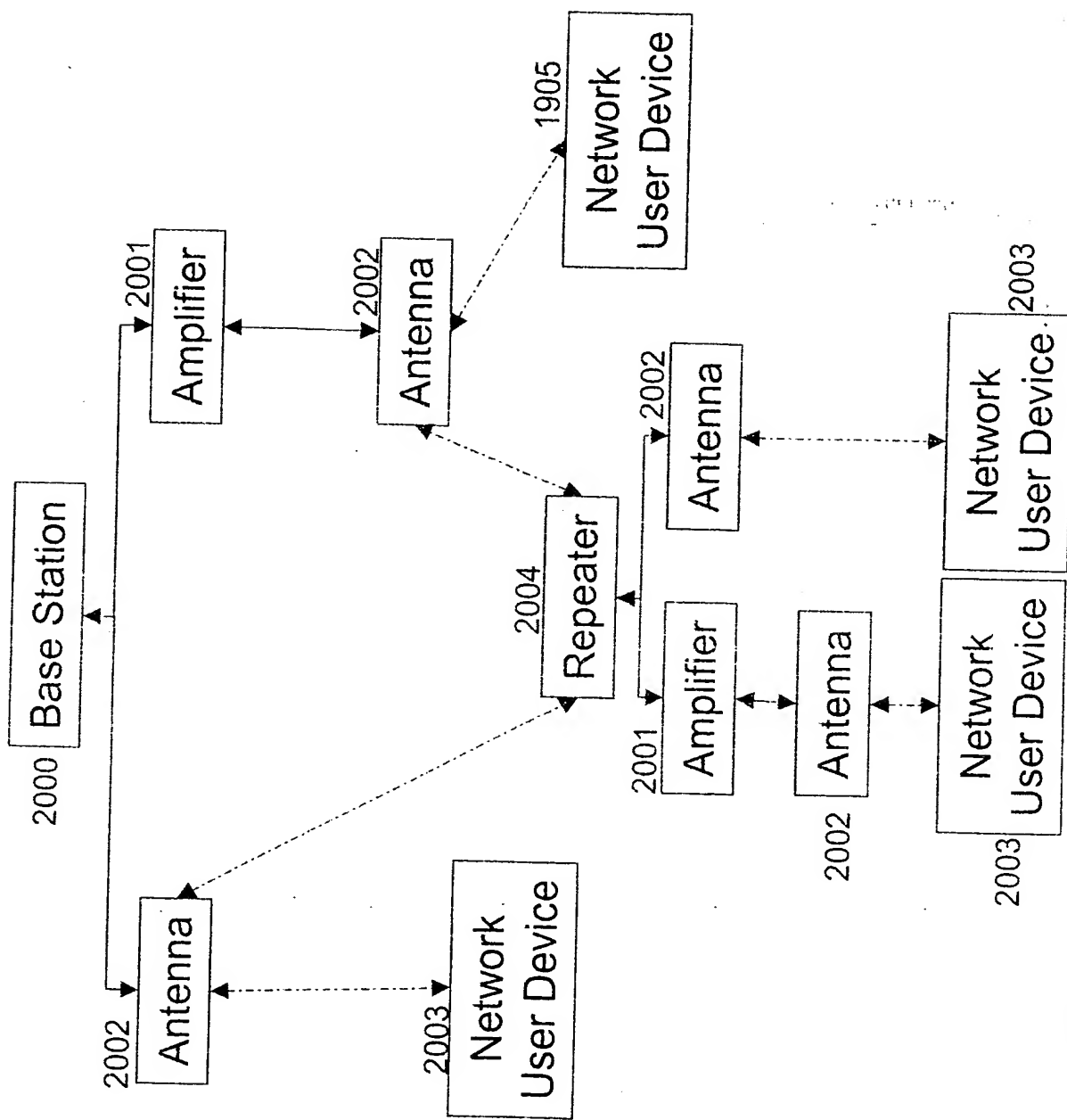


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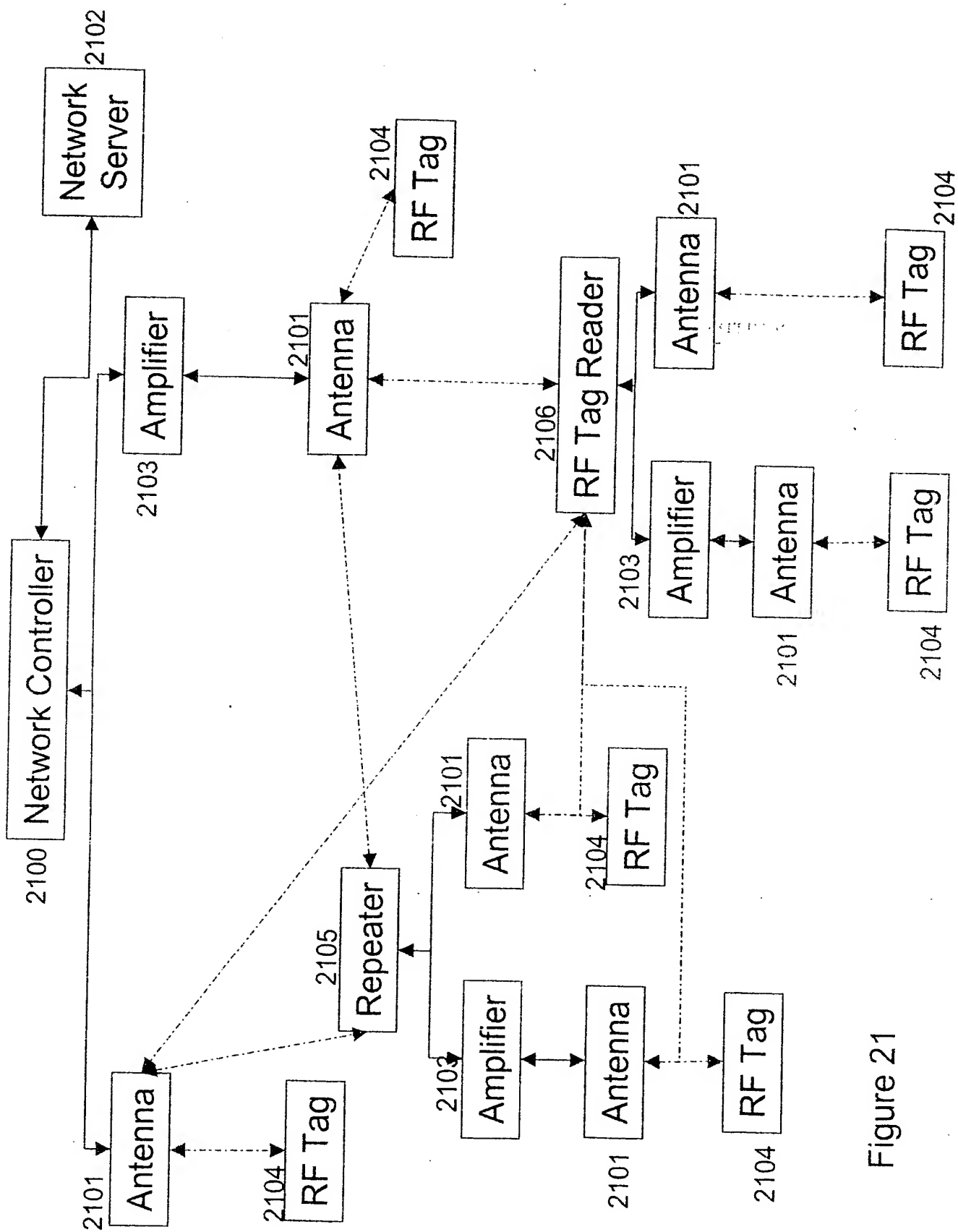


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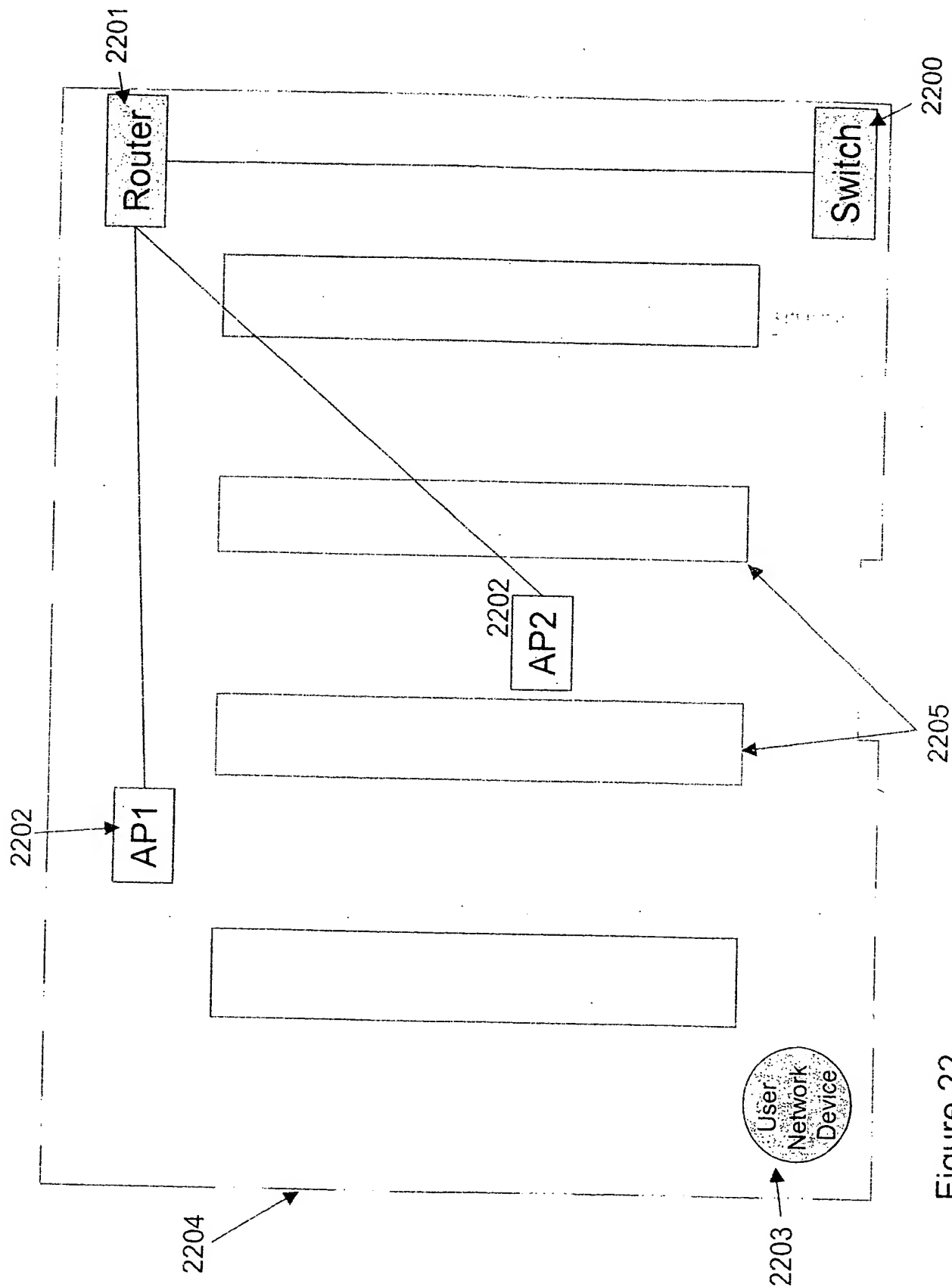


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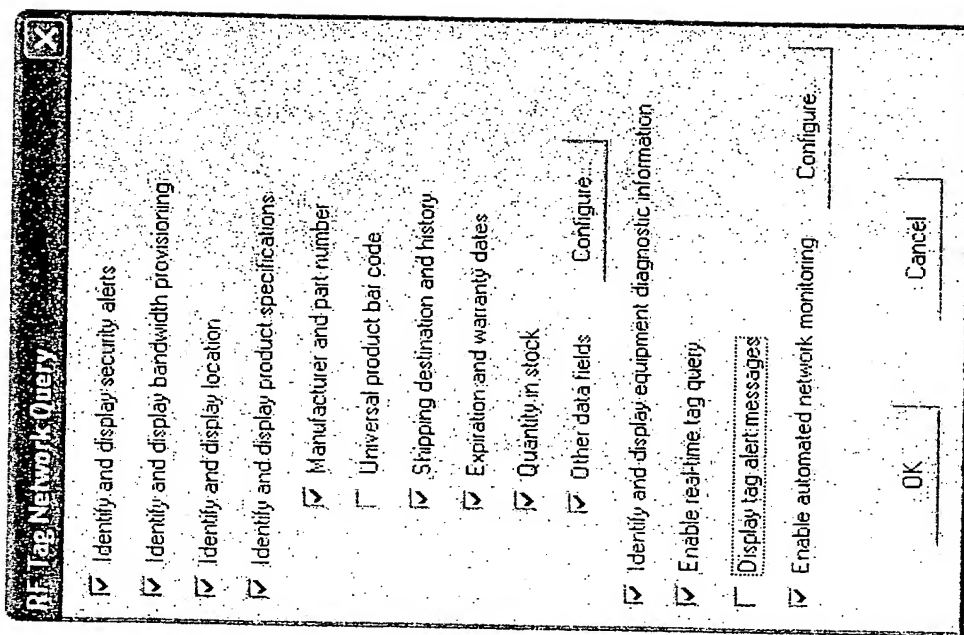


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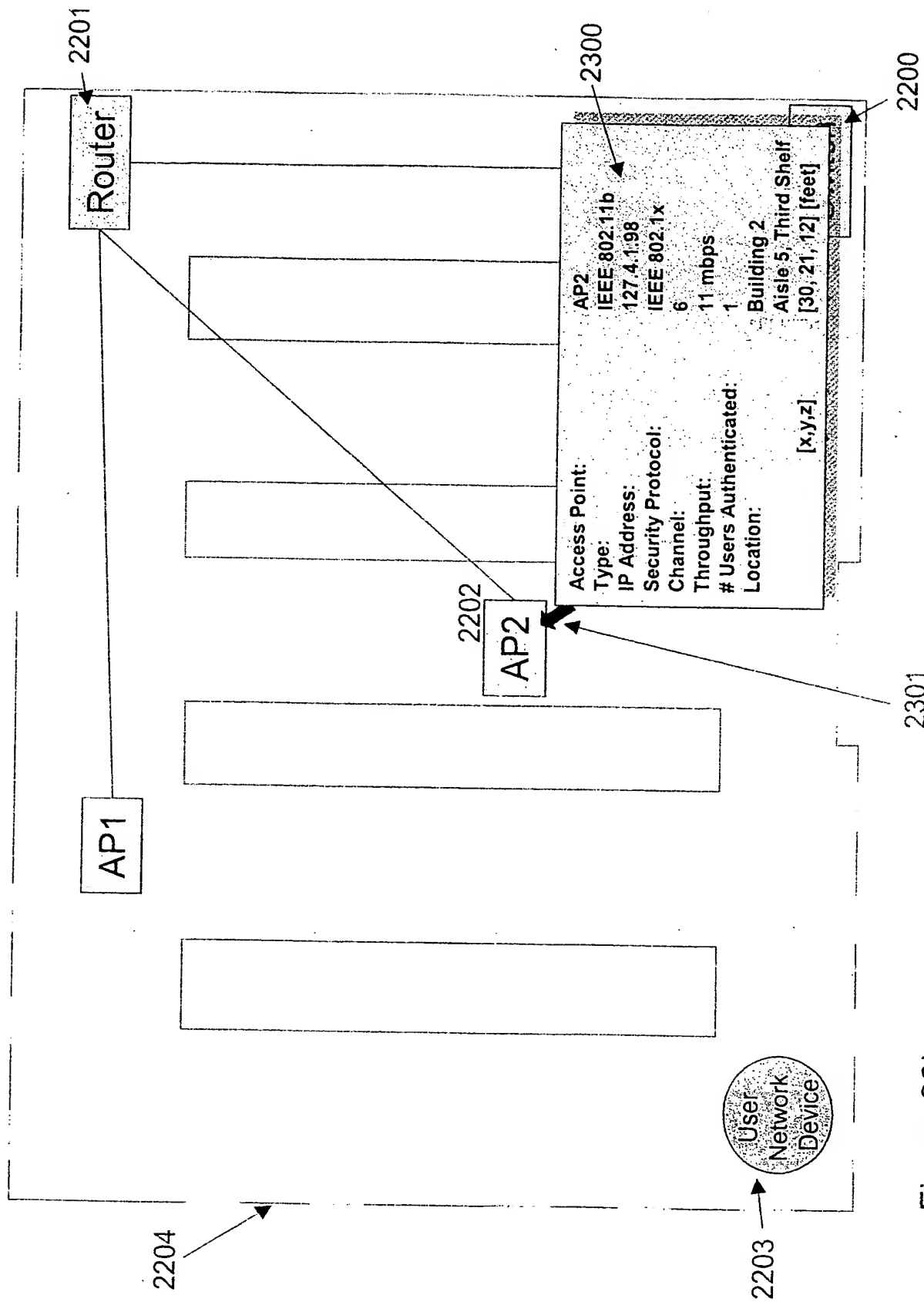


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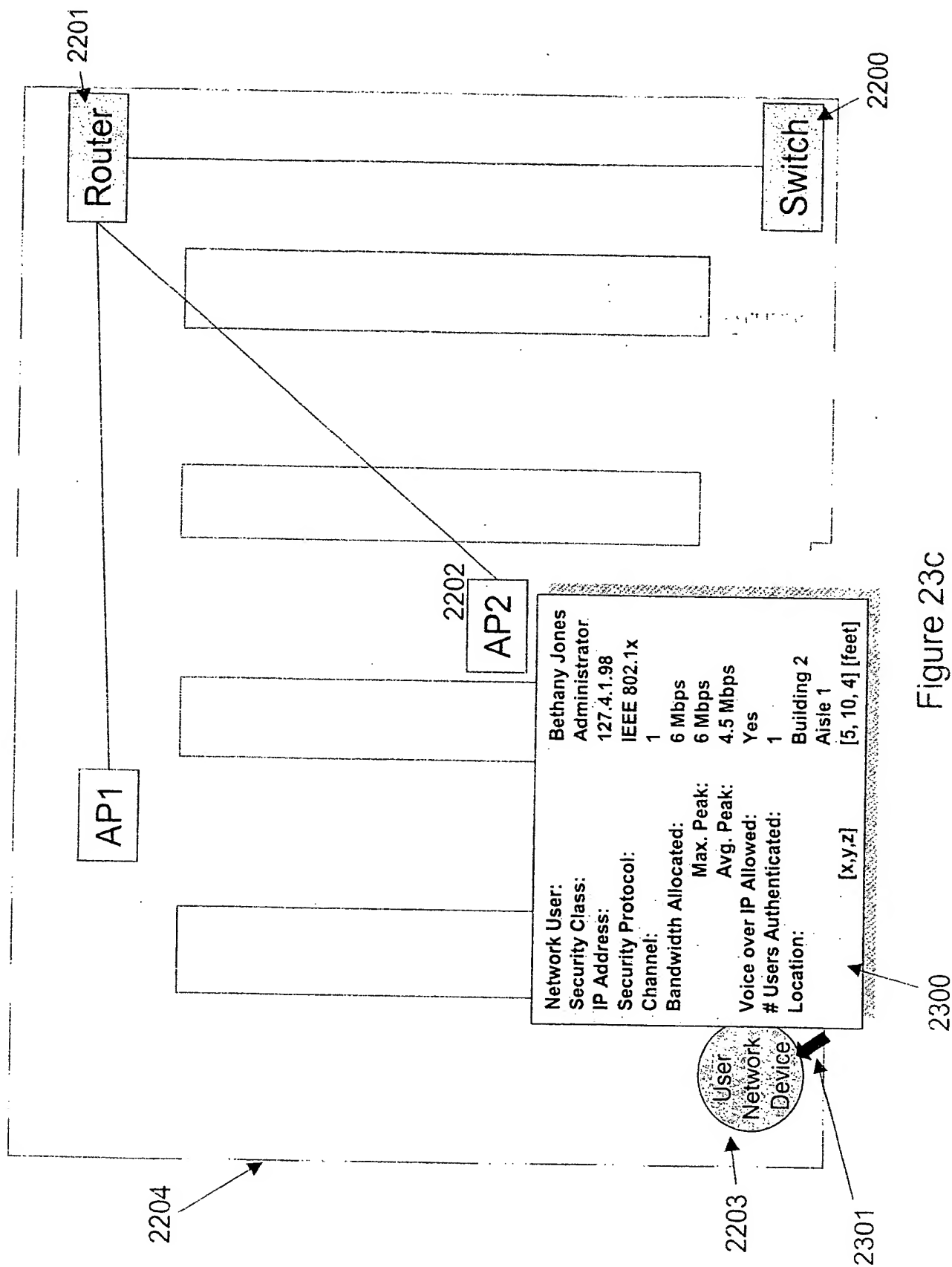


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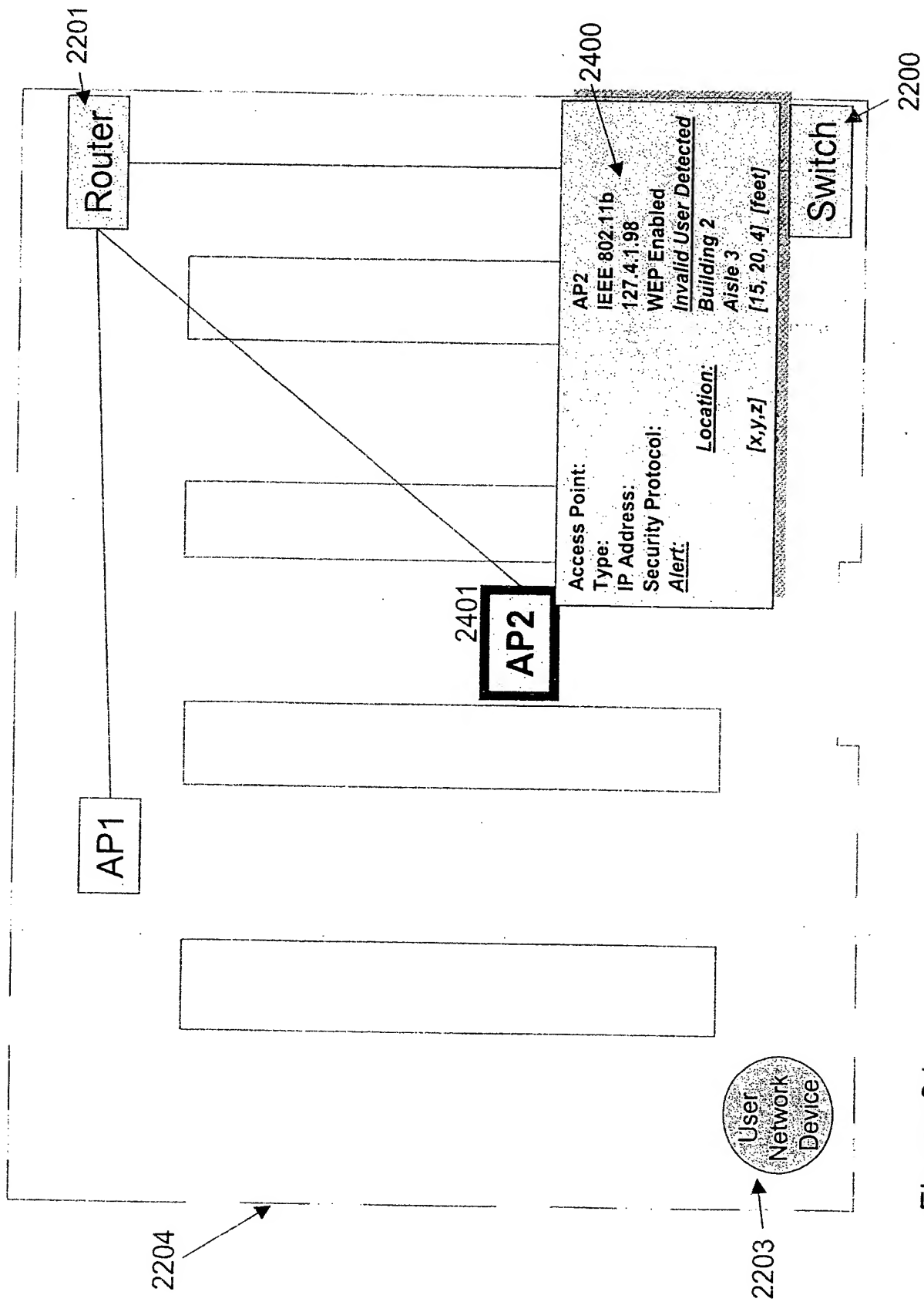


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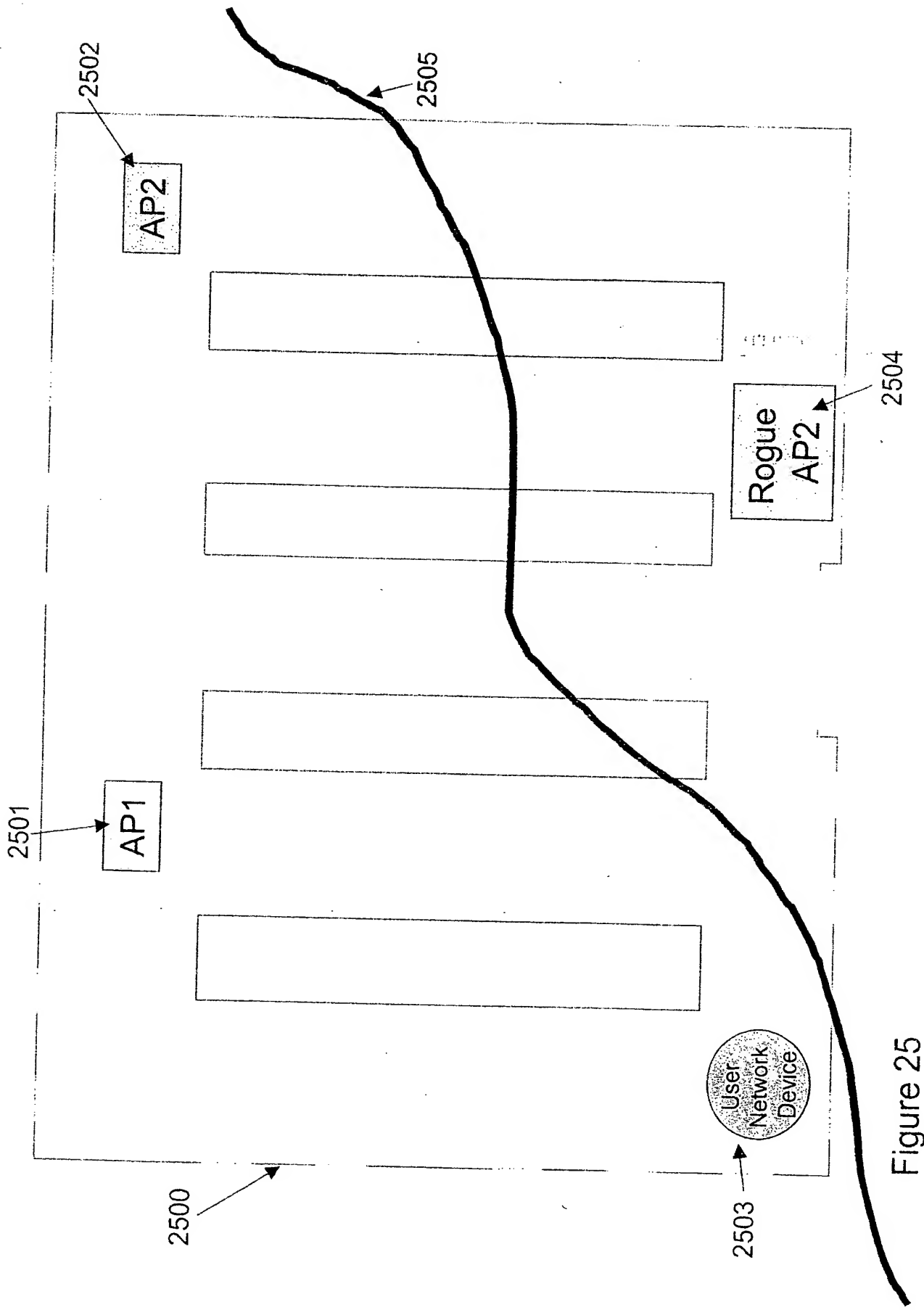


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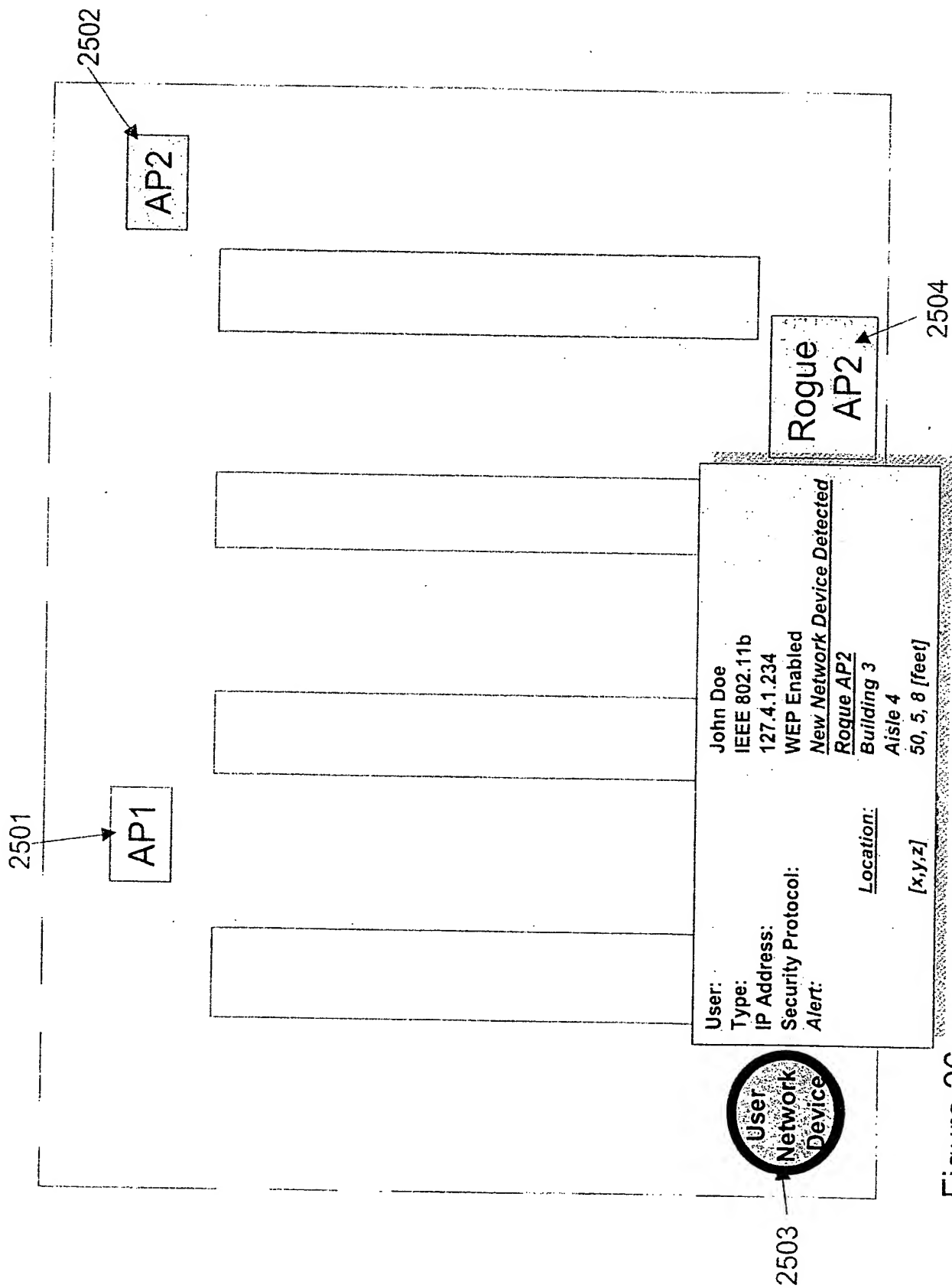


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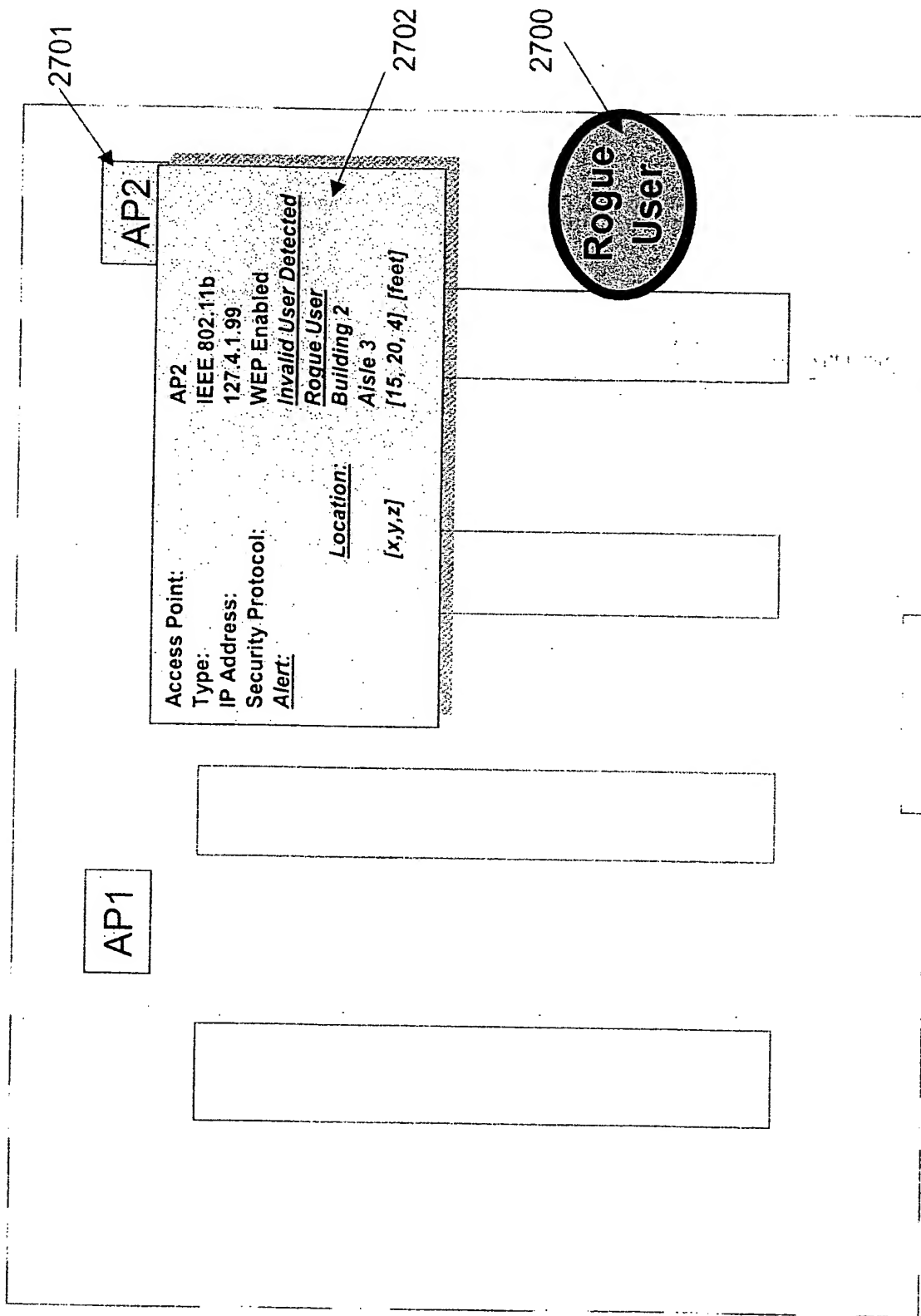


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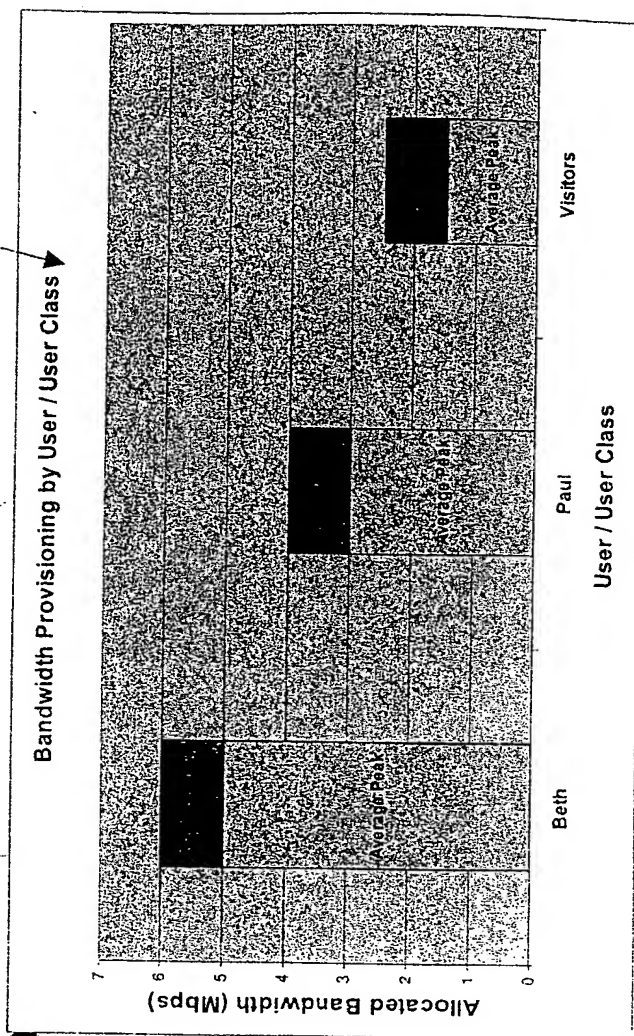
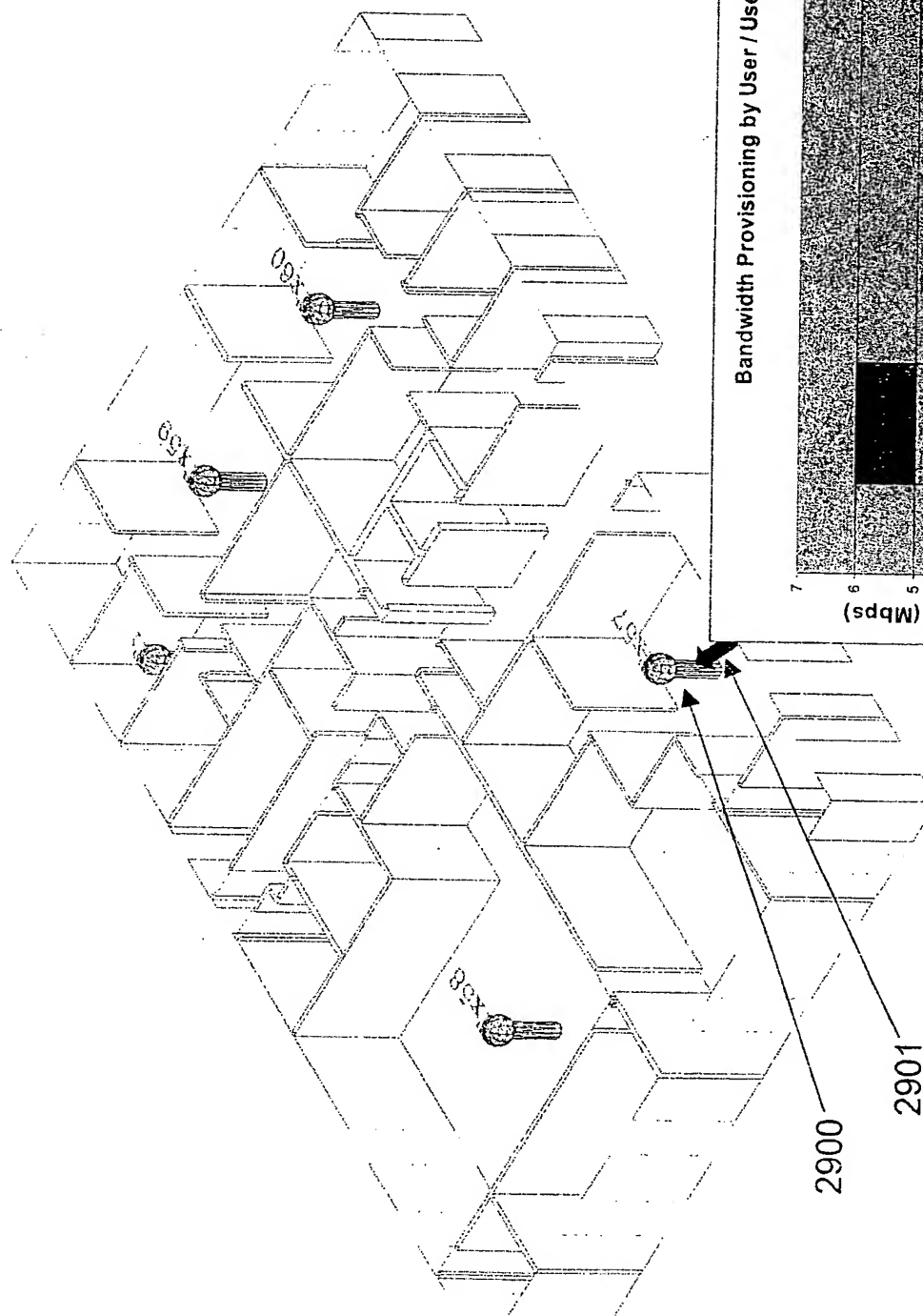


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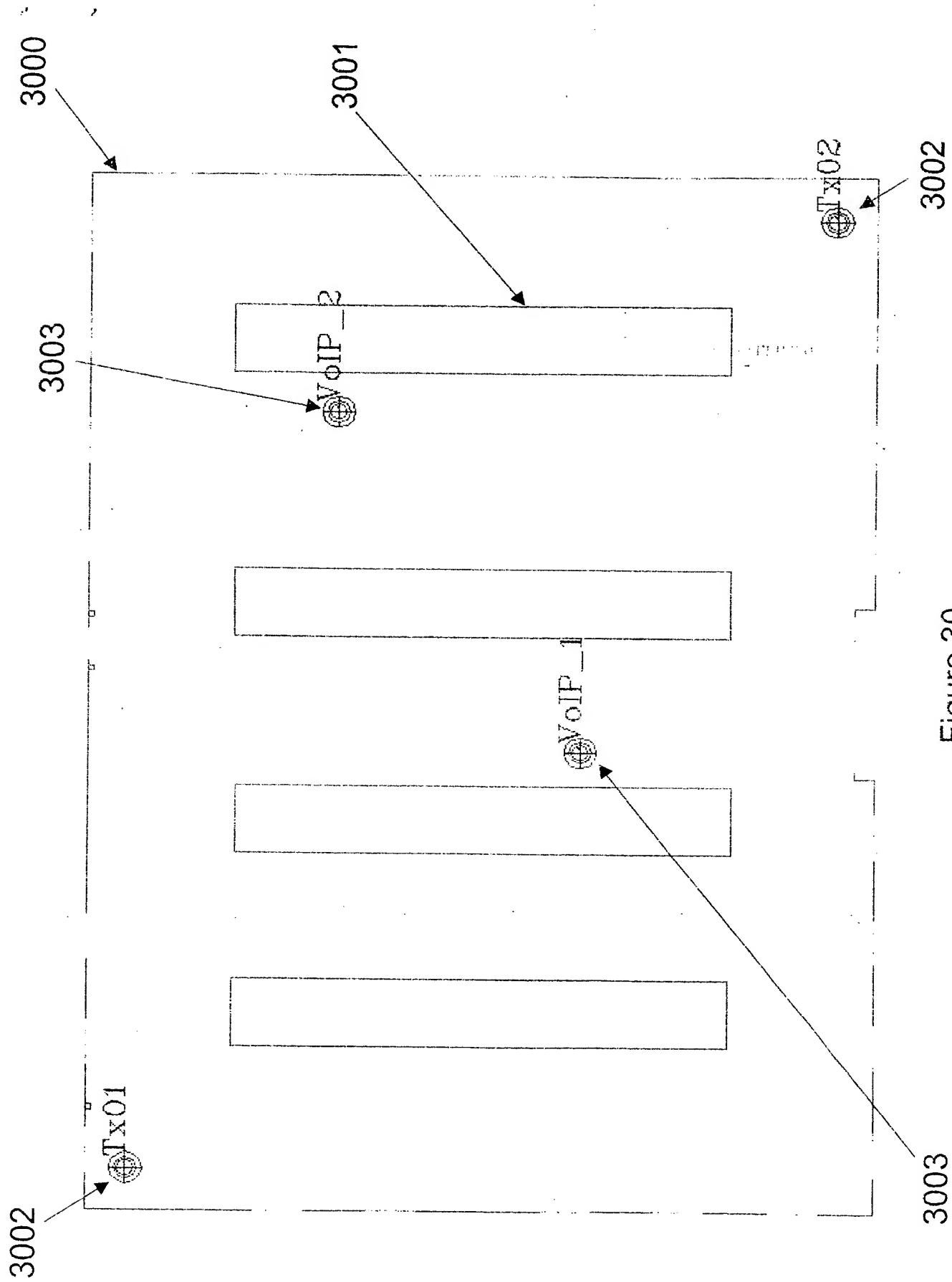


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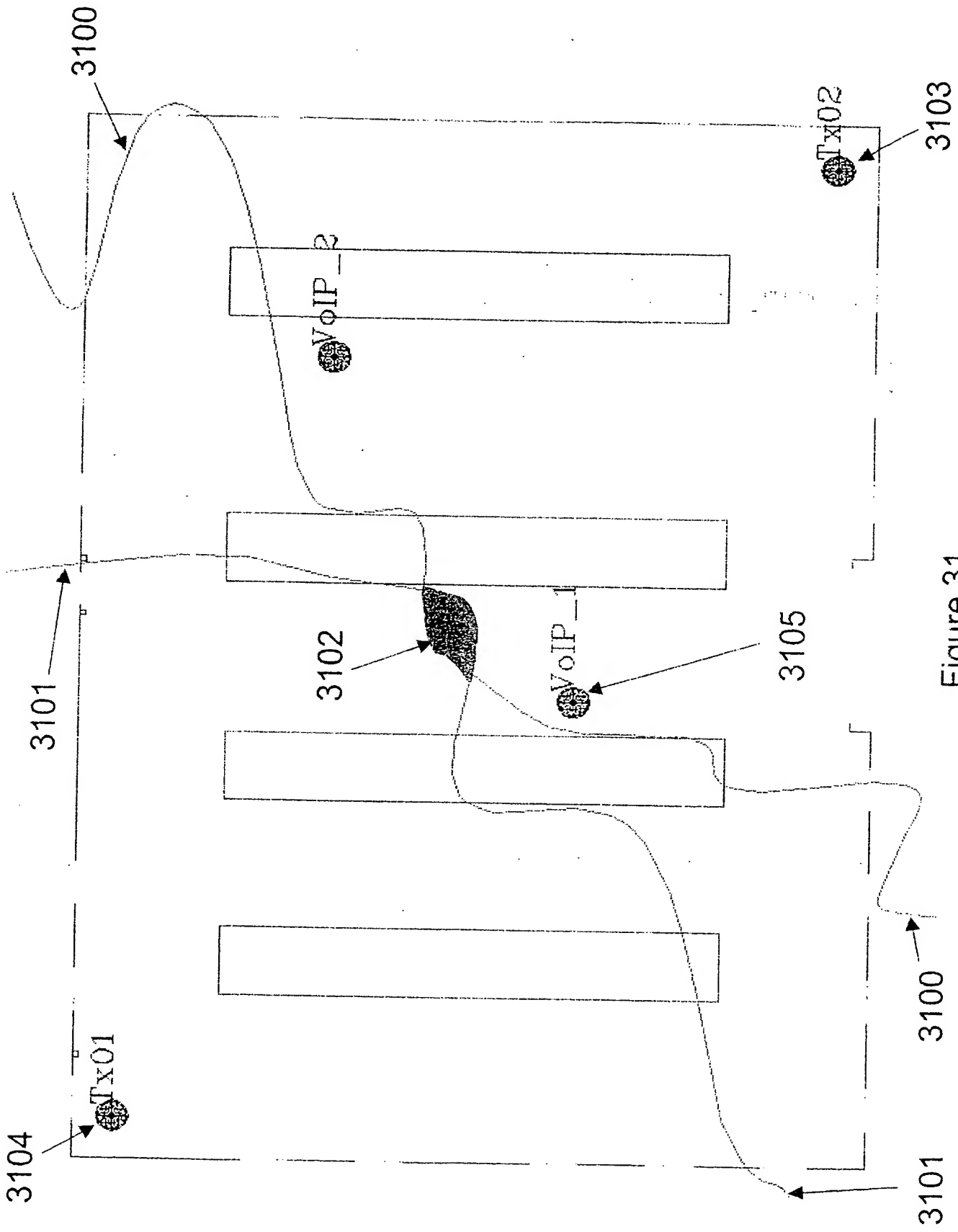


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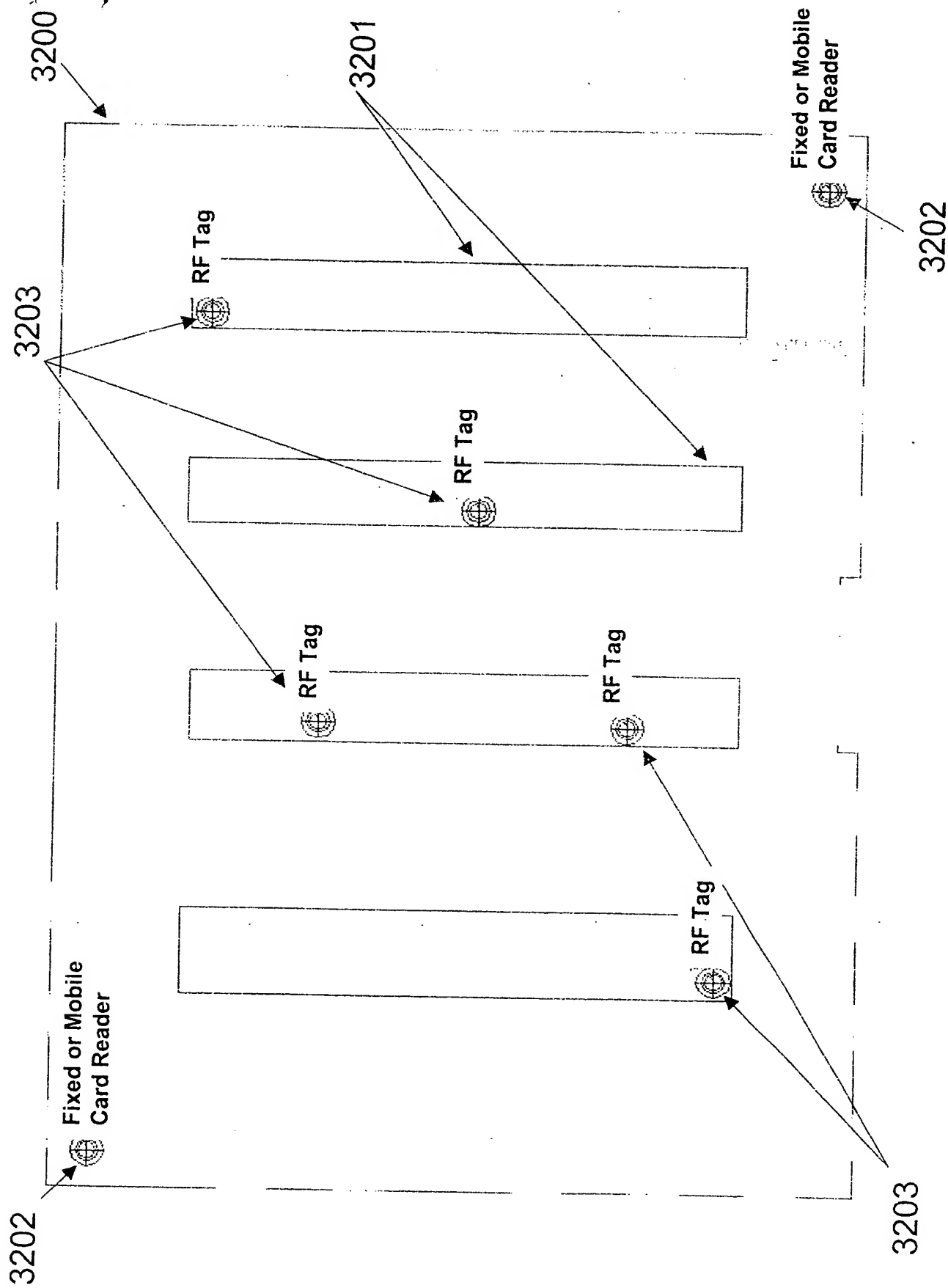


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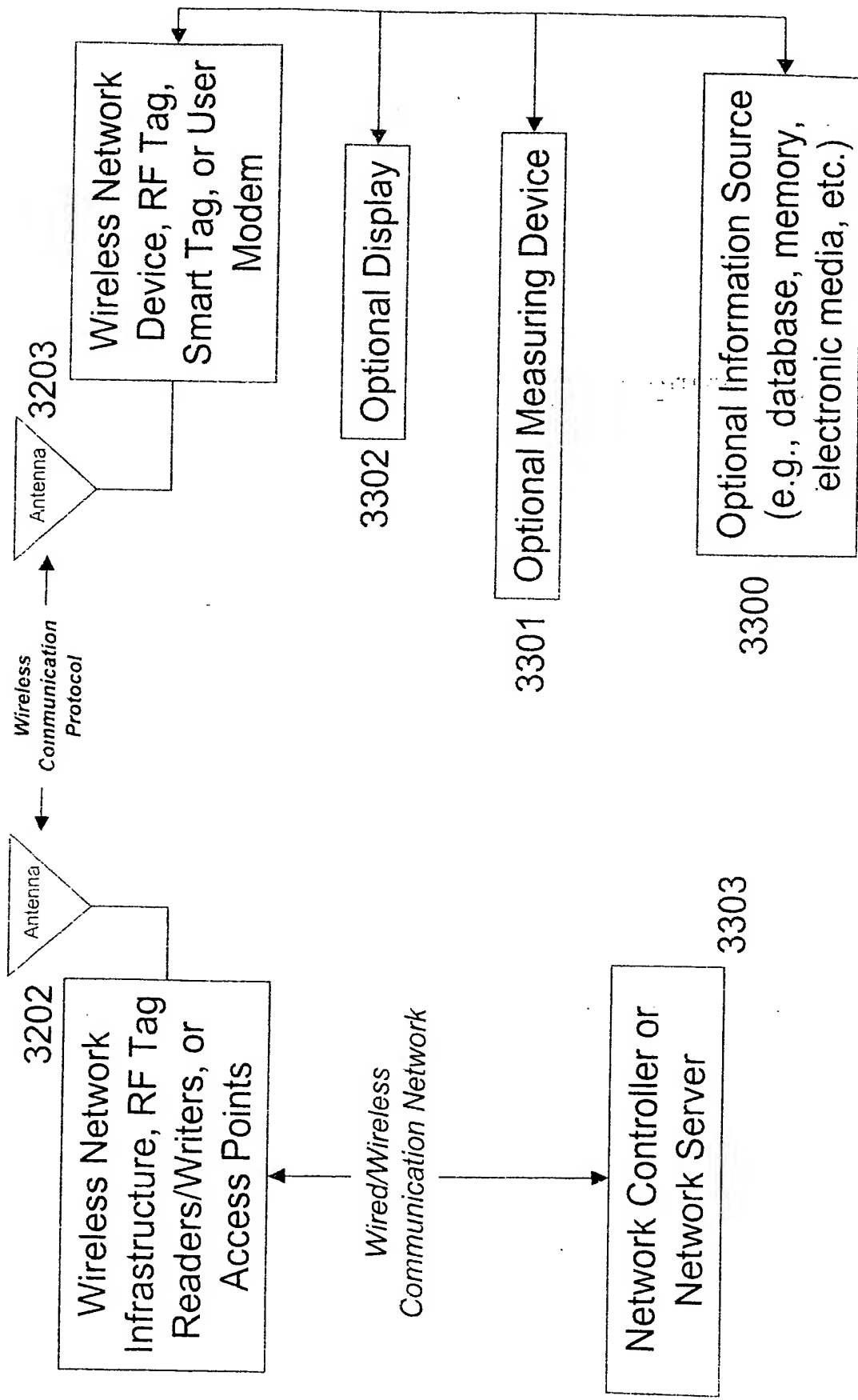


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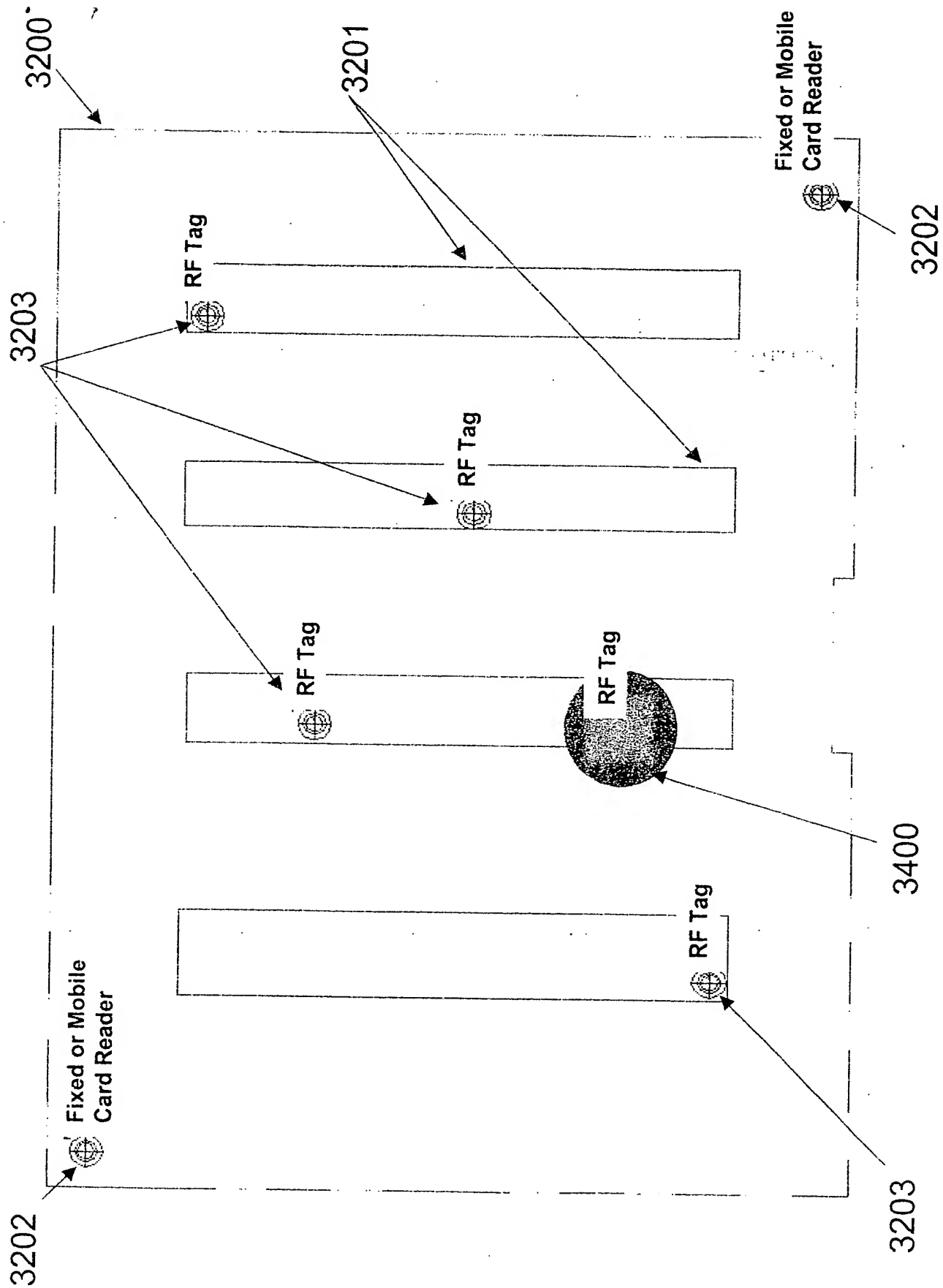


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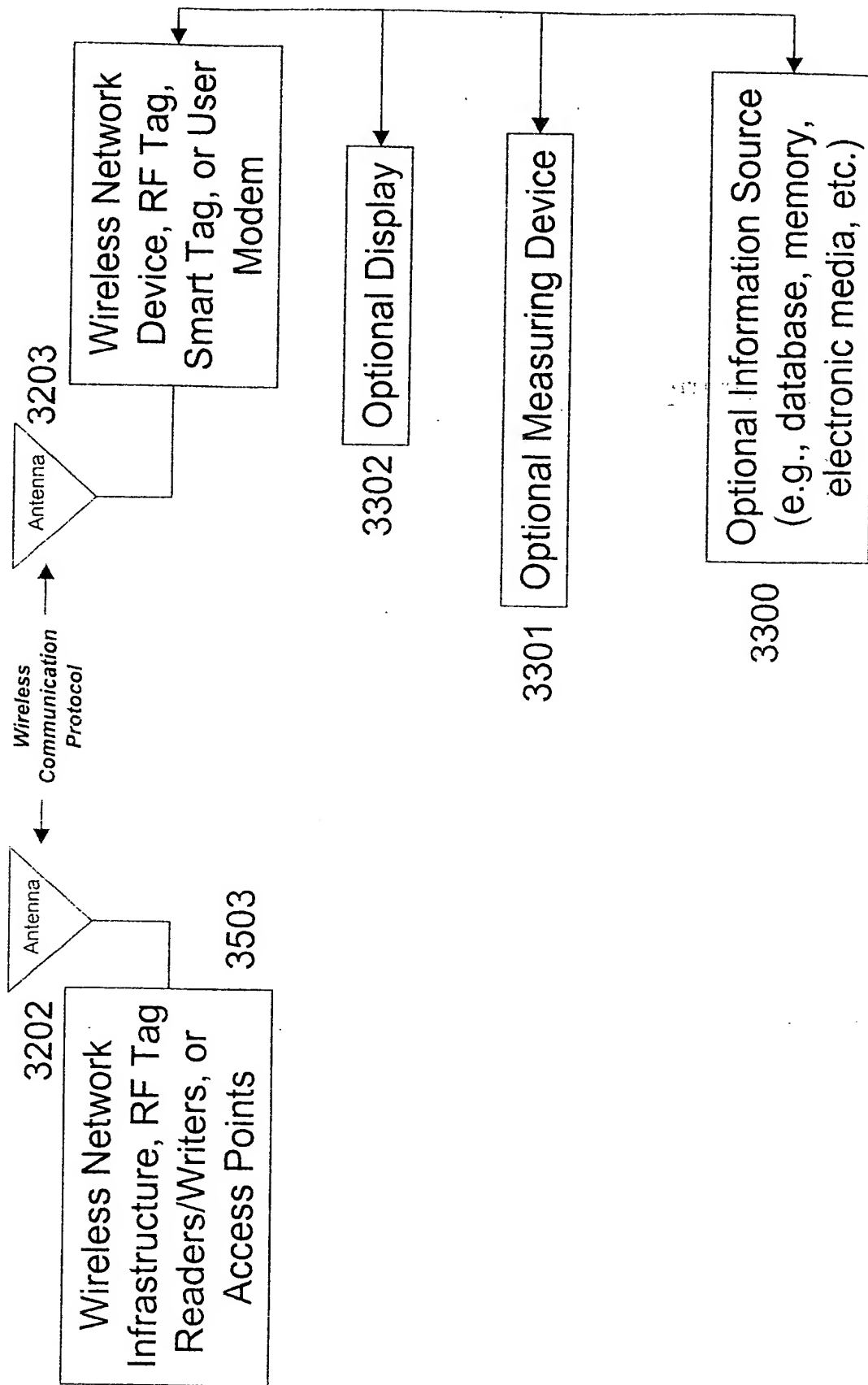


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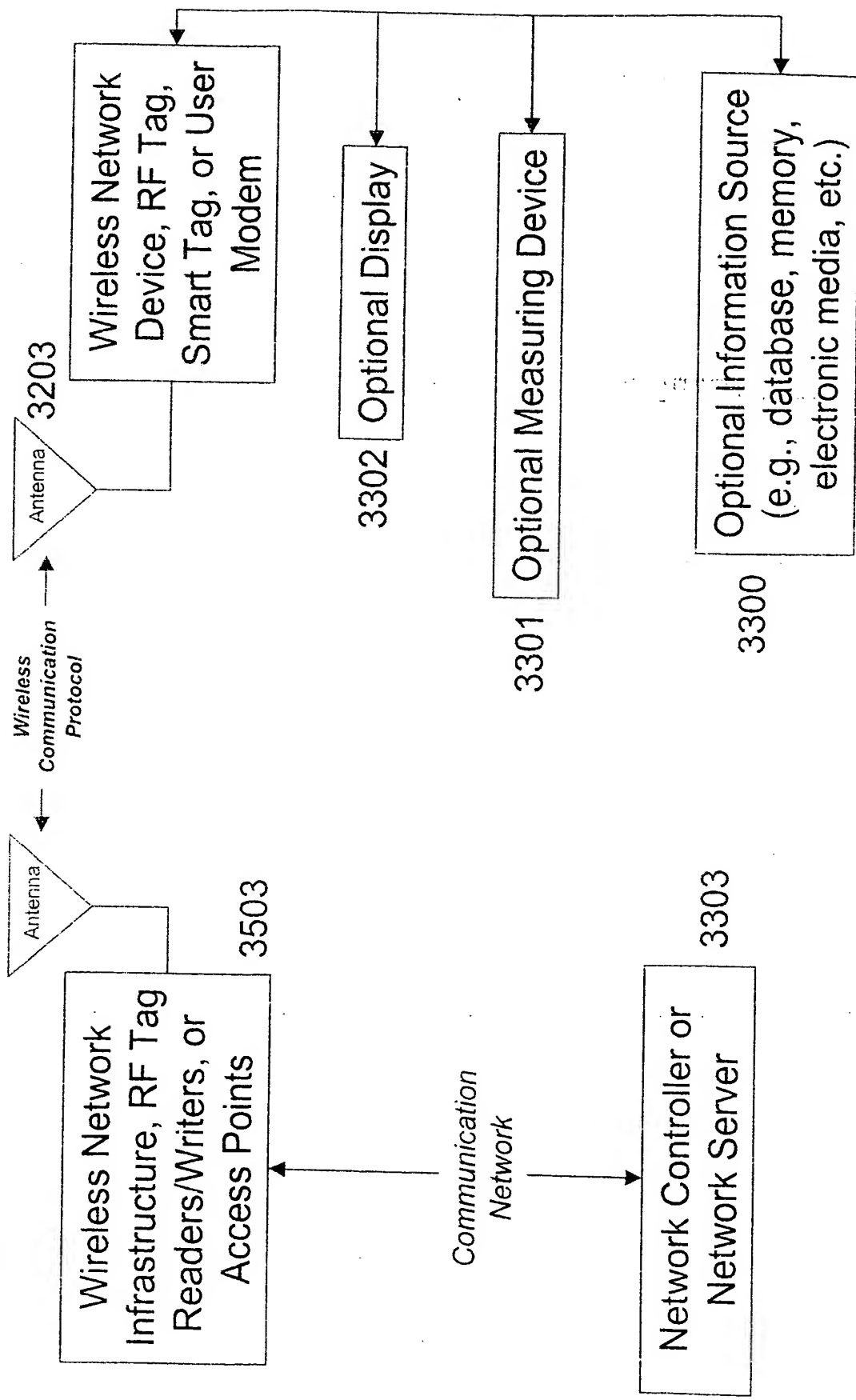


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